

## CONTENTS

	Page
Introduction .....	1
Collection of races of <i>Gossypium hirsutum</i> obtained by exploration in Mexico and Guatemala .....	3
Cotton Expedition to Guatemala and Mexico, by J. O. Ware .....	7
Explanation of table headings and key to codes .....	13
<i>Gossypium</i> germplasm collection of species, interspecific hybrids and primitive races of <i>G. hirsutum</i> maintained at Texas A&M University, College Station, Tex. ....	16
<i>Gossypium</i> germplasm collection of commercial varieties, genetically marked stocks, and obsolete agricultural varieties maintained at the Delta Branch Experiment Station, Stoneville, Miss. ....	52
<i>Gossypium</i> germplasm collection of <i>G. barbadense</i> stocks maintained at Cotton Research Center, Phoenix, Ariz. ....	92

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S-77, Genetics and Cytology of Cotton II.

# THE REGIONAL COLLECTION OF *GOSSYPIMUM* GERMPLASM

## Maintained under Regional Research Project S-77, Genetics and Cytology of Cotton II

### INTRODUCTION

This catalog describes a portion of the living collection of cottons maintained by the cotton workers of the United States, under the auspices of the Technical Committee of the Regional Research Project S-77 (formerly the S-1). This introduction records some of the history of this collection, and of such collections generally.

Plant exploration and introduction has a long history that includes many interesting chapters and such well-known figures as William Bligh, David Fairchild, and Nikolai Vavilov. The history of cotton exploration and introduction is not nearly as interesting, but almost as long. It may fairly be said to have begun with the work of von Rohr in the late 18th century, who gathered together, under a commission from the Danish king, a living collection of cottons of the Caribbean and northern South America. He maintained this garden in the Caribbean at St. Croix and published a treatise on cotton based on his study of this collection (von Rohr 1791-93; Fryxell 1969a).<sup>1</sup>

Another early collection of living cotton plants was made in Italy in the mid-19th century, under the leadership of the Italian botanists, Parlatore and Todaro. Their collection was obtained from a variety of sources from many parts of the world. Studies based on this material resulted in a number of publications, culminating in a monograph of *Gossypium* by Todaro (1877).

In more recent times, cottons have been sought by collectors from several countries, and major collections have been maintained in several parts of the world. Among the better known modern collections are the following:

1. Trinidad, West Indies. This collection was maintained by personnel of the Empire Cotton Growing Corporation, the Corporation's station was closed in 1944, and the collection dispersed (Hutchinson, Silow, & Stephens 1947).

2. Shambat, Sudan. This collection was maintained for many years by the Cotton Research Corporation (formerly the Empire Cotton Growing Corporation), and presumably includes materials from the Trinidad collection (Saunders 1961), and is now maintained by the Sudanese Department of Agriculture.

3. Tashkent, U.S.S.R. This collection evidently had its origin in the explorations of Mauer and Bukasov in Central and South America (Mauer 1930) and is maintained by Russian agricultural officials.

4. Presidencia Roque Saenz Pena, Argentina. This collection is based in large part on the work of Argentine collectors in northern Argentina and adjacent Paraguay and Bolivia (Gutierrez et al. 1960), 1964.

5. The S-77 collection (formerly the S-1 collection), which is maintained at three stations in the United States and at the winter garden in Iguala, Mexico.

The S-77 collection is the subject of this catalog. Much of its history has been recounted in the predecessor of this catalog, issued at College Station, Tex., in 1956, as a bound mimeographed volume of 88 pages. Its entries came from a variety of sources, including exchanges with the other collections mentioned, especially that of the Trinidad station. It is especially rich in material collected by Richmond, Manning, Ware, and Stephens from Central America.

Special notice should be given to the collections of T. R. Richmond and C. W. Manning in 1964, and of C.

<sup>1</sup> Name of author or authors in parentheses followed by year of publication indicates reference in Bibliography, p. 3.

W. Manning and J. O. Ware in 1948, since these materials form so prominent a part of the collection described here and specifically were the basis for the detailed study of Hutchinson (1951) on intraspecific differentiation in *Gossypium hirsutum* L. Maps showing the itineraries of these two collecting trips, as well as a map of the route of S. G. Stephens, 1946-47, were presented in the 1956 catalog and are reprinted here in figures 2 to 4. A detailed account of the travels

and collections of Richmond and Manning accompanies the maps as a part of the catalog. A similar account of the Manning-Ware expedition is given in an unpublished report by J. O. Ware, entitled "Cotton Expedition to Guatemala and Mexico," dated approximately 1950. Since these two reports are not generally available, they are appended to this catalog (p. 3).

Specific notice should also be made of the following collectors:

O. F. Cook

O. F. Cook and B. T. Jordan

G. N. Collins and C. B. Doyle

O. F. Cook and J. W. Hubbard

F. M. Mauer and S. M. Bukasov

T. R. Richmond and C. W. Manning

S. G. Stephens

C. W. Manning and J. O. Ware

C. M. Rick, Jr.

M. Gutierrez, et al.

(primarily *G. barbadense* L.)

H. S. Gentry

1902-1904 Guatemala

1905-1906 Guatemala, Mexico

1906-1907 Mexico

1925 Mexico, Colombia, Ecuador

1929 Mexico, Guatemala, Colombia

1946 Mexico, Guatemala

1946-1947 Yucatan, Guatemala,

El Salvador

1948 Mexico, Guatemala

1961 Galapagos

1960-1962 Argentina, Paraguay,

Bolivia

Mexico

Some works of these collectors have been reported in the literature (e.g., Cook and Doyle 1927, Mauer 1930, Gutierrez et al. 1960, 1964); more often, however, their work has not been published and the present listing provides a means of recognition of their invaluable contributions.

In addition, accessions continue to be received from various (even anonymous) sources, either directly to individuals active in the cotton research program or indirectly through the established channels of the USDA Plant Introduction Officer.

The S-77 collection has been the basis for a continuing study of variability patterns and the flowering response of a wide range of germplasm, especially within *G. hirsutum*. A series of recent papers (Lewis and Richmond 1957, 1960, Waddle, Lewis, and Richmond 1961, Kohel and Richmond 1962, Kohel, Lewis and Richmond 1965) reports the results of these studies and the patterns that have been discovered.

Some of the modern cotton collections have been the basis for taxonomical studies of *Gossypium*, especially the Trinidad Collection (Hutchinson, Silow, and Stephens 1947, Hutchinson 1951), and the

Tashkent Collection (Mauer 1954). The S-77 collection is utilized in part as the subject of current taxonomic studies (e.g., Fryxell 1969a, 1969b).

The following collections of *Gossypium* germplasm are maintained under the auspices of the S-77 project:

1. Obsolete variety collection (*G. hirsutum*), maintained at the Delta Branch Experiment Station, Stoneville, Miss.;

2. Genetic marker collection (*G. hirsutum*), maintained at Texas A&M University, College Station, Tex.,

3. *G. barbadense* collection (strains, varieties, and marker stocks) maintained at the Cotton Research Center, Phoenix, Ariz.;

4. Asiatic collection (varieties and marker stocks of *G. herbaceum* and *G. arboreum*), maintained at Texas A&M University,

5. The species collection (wild diploid cottons), maintained at Texas A&M University.

Requests for seed samples of entries in this catalog should be directed to the National Seed Storage Facility, Fort Collins, Colo., citing the Fort Collins deposit number (col. 4) for the entry desired.

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## COLLECTION OF RACES OF "GOSSYPIMUM HIRSUTUM" OBTAINED BY EXPLORATION IN MEXICO AND GUATEMALA

### Collection of Materials

Recorded interest in collecting cottons in the so-called center of variability of *Gossypium hirsutum* L. dates back to the turn of the century. During the first decade, O. F. Cook and associates traveled extensively in the area. A stock collected by G. N. Collins and C. B. Doyle in Chiapas, Mexico, gave rise to commercial types now known as Acala. Varieties of this type are widely grown in the irrigated areas of West Texas, New Mexico, Arizona, and California. One of the stocks collected by Cook in Guatemala furnished the parental material for a type called Kekchi. Current agricultural varieties bearing the name, Paymaster, trace to this stock.

With the exception of a visit to the States of Sonora and Sinaloa in northwestern Mexico there is no record of further organized collections of cotton until 1946, when T. R. Richmond and C. W. Manning received a grant from the General Education Board of New York

for a collection expedition to southern Mexico and Guatemala. By that time many plant breeders had begun to question the adequacy, in terms of primary sources of parental breeding material, of the genetic variability remaining in current cultivated varieties. Thus the primary purpose of the expedition was to collect and bring to the United States new and different sources of germplasm. A year or so later collecting trips to the area also were made by S. G. Stephens and by J. O. Ware and C. W. Manning.

The center of variability of *Gossypium hirsutum*, surveyed for the collection of the primitive stocks by the three expeditions, lies between the latitudes 13° N to 22° N. and longitudes 88° W to 102° W., approximately. The entire region covers the countries of Guatemala and El Salvador and the States of Guerrero, Oaxaca, Chiapas, and Yucatan of Mexico. The region of collection could be demarcated into the following geographical areas as shown in figure 1.



Figure 1.—Regions of cotton collections.

- I. Pacific coast and hinterlands.  
This area extends from Guerrero in the west, through Oaxaca and Guatemala, to El Salvador in the east. It is more or less a continuous, narrow strip often intercepted by rivers and mountain ranges. The foci of collection within the area were:
  - (a) Between Acapulco and Ometepe in the state of Guerrero.
  - (b) Between Tutupec and Pochutla, and also in the region of the Isthmus of Tehuantepec, in Oaxaca.
  - (c) Between Retalhuleu in Guatemala to San Miguel in El Salvador.
- II. Highlands of southern Mexico.
  - (a) Oaxaca and Puebla region.  
Along the highways between Mexico City and Chilpancingo, Puebla to Oaxaca City and Oaxaca City to Pochutla
  - (b) Chiapas region.  
Near Acala, Tuxtla, and Comitán.
- III. Montagua River Basin of Guatemala.  
This area is to the northeast of the central Highlands of the country, where the river starts as a deep rift and broadens into a wide and arid plain in the Zacapa and El Rancho districts.
- IV. Lake Peten region.  
Villages along the shores of Lake Peten.
- V. Yucatan Peninsula.  
This is generally a flat tableland with a low range of rounded hills toward the southwest border in Campeche. The northwest area is treeless, but xerophytic vegetation grows on the rocky soil. Toward the south, the conditions of the vegetation improve slowly and finally a thick forest is reached.

Often these areas do not correspond to the modern cotton growing regions of these States. The primary object of the expeditions was to collect primitive stocks of cotton that were being grown by the natives in their door yards in remote villages. In many places field crops of cotton were growing and samples were

collected from them. Collections were also made of bulk seed from gins and other commercial sources.

T. R. Richmond and C. W. Manning left Mexico City in January 1946 and proceeded southward to Chilpancingo and Acapulco in Guerrero, returning to Mexico City by the same route. They then went southeastward along the highway to Tuxtla in Chiapas, passing through Puebla, Oaxaca City, Salina Cruz, Tuxtla, and finally Cintalapa, Chiapas. From Cintalapa, Chiapas, the collectors went to Guatemala where they made a survey of cottons grown on the lowlands between the mountains and the Pacific coast between Las Palmas and Mazatenango. They completed their trip in February 1946, their route is shown in figure 2

Although collections were made all along the route, most of the material was gathered in the State of Chiapas, where specimens were obtained both from markets in villages and from door-yard plantings. Interesting acquisitions were made from field plantings in the Simojovel and Acala-Chiapilla areas. Most of the specimens in the last area had an annual growth habit and large bolls.

S. G. Stephens commenced work in El Salvador at Usulután on December 15, 1946. His route is shown in

figure 3. According to Stephens, the commercial cotton growing area of El Salvador comprises land cleared from forests in recent years for cultivation of modern American Upland varieties. The original cottons seem to have disappeared, but some are still found at high altitudes on the Pacific slopes and occasionally along the sea coast. These cottons are always in the neighborhood of houses and are of the *marie-galante* type. He made collections in the coastal region from San Miguel in the east to Champerico in the extreme west in Guatemala, passing through various places including Mejicanos, El Salvador, and Esquintla and Retalhuleu. He also made collections in the Montagua River basin of Guatemala. He then proceeded to the isolated region around Lake Peten where cottons mostly of the *punctatum* type were found. Finally, he visited Yucatan where the Maya civilization built cities which had a weaving industry and an export trade. Although no commercial cotton is grown in this area at present, there are a large number of door-yard types all of which are *punctatum*. In this region there is an additional coastal strip on the north side which is almost completely separated from the mainland. Variable forms of *punctatum* and

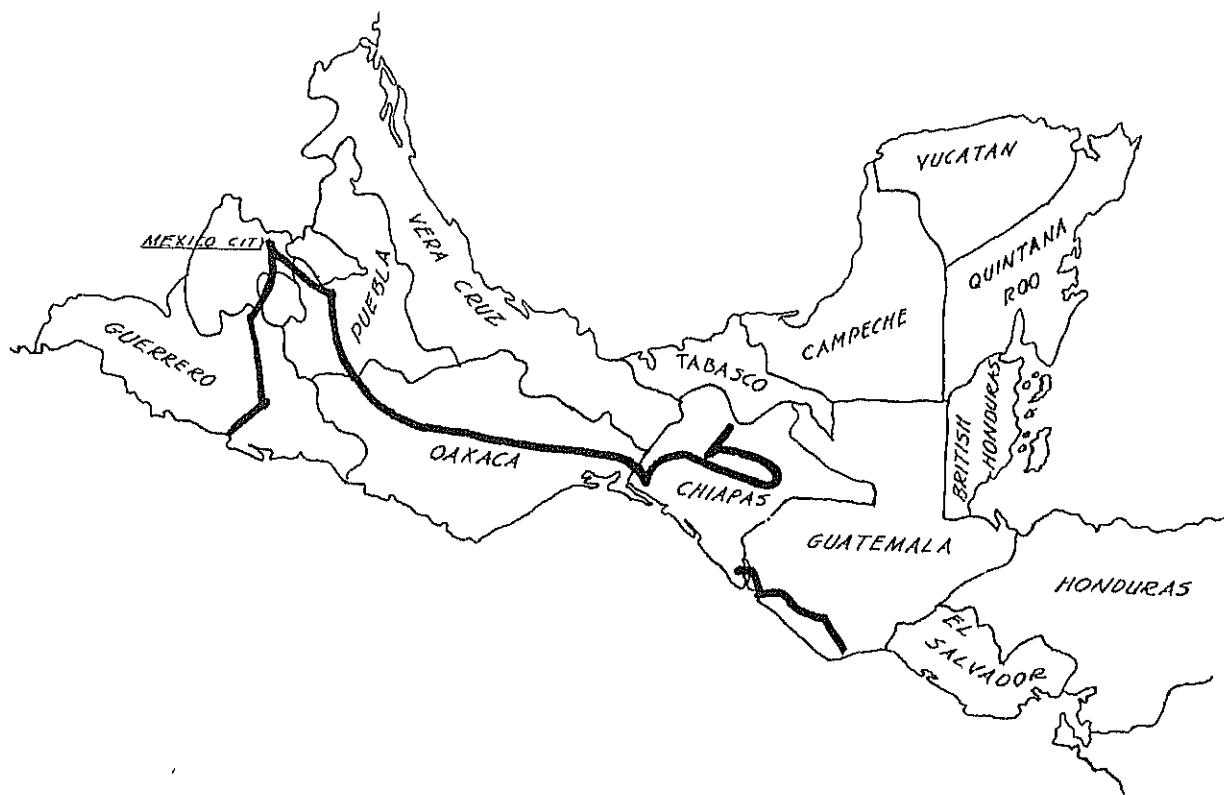


Figure 2.—Route of Richmond and Manning, 1946.

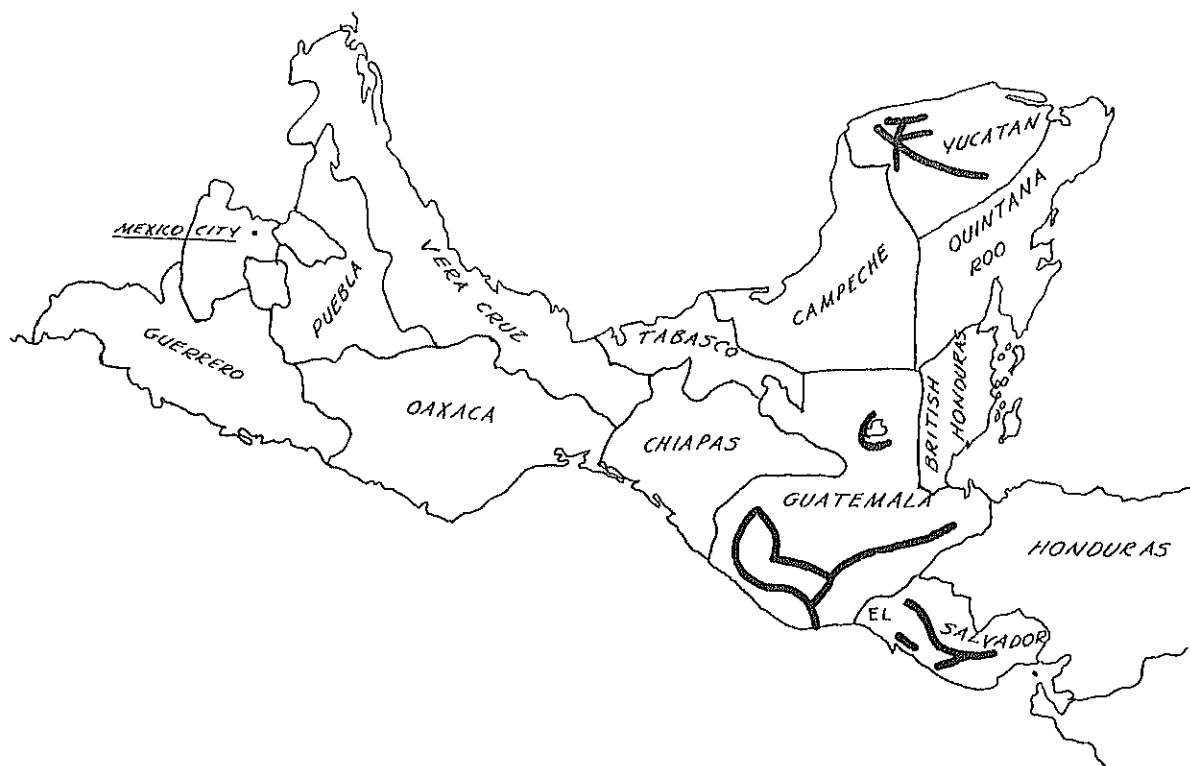


Figure 3.—Route of Stephens, 1946-47

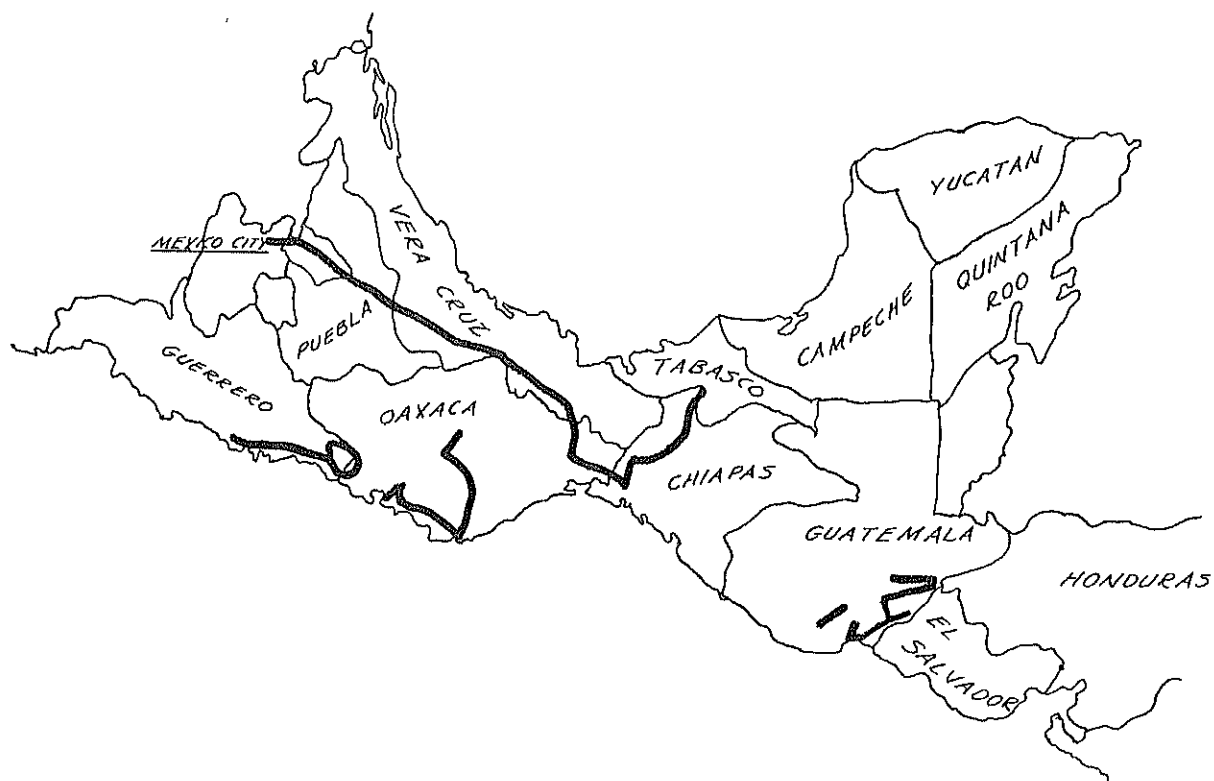


Figure 4.—Route of Ware and Manning, 1948

*yucatanense* form a chief component of the wild vegetation of this strip

Dr. J. O. Ware and C. W. Manning, formerly of the United States Department of Agriculture and the Texas Agricultural Experiment Station, respectively, made a cotton collection trip from March 12 to June 13, 1948. A detailed account of this expedition is fully discussed by J. O. Ware in his publication "Cotton Expedition to Guatemala and Mexico."

The route taken by these men is shown in figure 4. They first went to Mexico City but continued to

Guatemala to complete the work in that area before the rainy season. Collections in Guatemala were confined to the southeastern area of the country, which was not covered by previous expeditions. After collecting a wide range of *hirsutum* and *barbadense* types, they returned to Mexico City and then went from Oaxaca City to Acapulco in Guerrero. Collections were also made in the region of the Isthmus of Tehuantepec and the western regions of Chiapas. Altogether 634 primitive types were collected by the three expeditions in the area shown in figure 5.

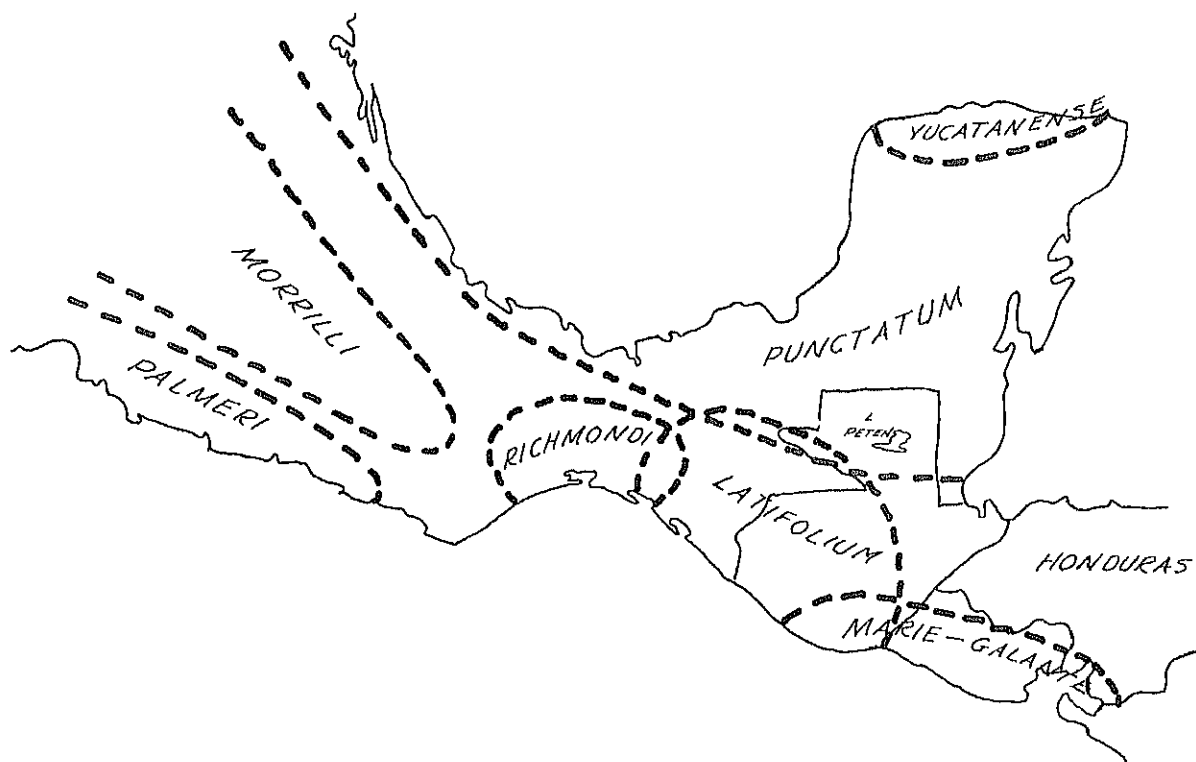


Figure 5.—Distribution of races of *G. hirsutum*.

## COTTON EXPEDITION TO GUATEMALA AND MEXICO

By J. O. Ware

In the winter of 1947-48 a cotton collecting trip to Guatemala and Mexico was carried out from March 12 to June 13, 1948. J. O. Ware of the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils and Agricultural Engineering, United States Department of Agriculture, and C. W. Manning of the Texas Agricultural Experiment Station were chosen for this work. The project was under the

direction of the Division of Plant Exploration and Introduction, BPISAE, USDA.

Over 99 percent of the cotton crop of the Cotton Belt of the United States is made up of Upland cotton (*Gossypium hirsutum*). All varieties of this crop, the so-called American Upland type, apparently originated in Guatemala and Southern Mexico, presumably mostly in the latter area. Some of the earliest



introduced Mexican or Guatemalan (Central American) cottons doubtless reached the beginning white settlements of the South Atlantic and northern Gulf of Mexico coasts in a roundabout way, by way of the West Indies and even to cotton growing areas of the Mediterranean Coast and back again. Some of the Old World or Levantine cottons (*G. herbaceum*) of the Mediterranean areas were also among the earliest introductions. Under competition of the more vigorous New World cotton, the Levantine cotton, it seems, after a period disappeared. Even this first Upland cotton, the green seed type, was not as vigorous as the somewhat later introductions, the white or light grey seed type direct from Mexico. Early farm journals and other old reports mention that the introduction of the latter type, beginning soon after 1800, was a greater boon to the rise of the American Upland cotton industry than the invention of the saw gin by Eli Whitney in 1793. Very few definite specific records of actual early 19th century introductions from Mexico have been found, but the above-mentioned sources recount from time to time the spread of these Mexican cottons to all parts of the cotton-growing areas of that period. References have been made to lots of cottonseeds that were brought back by American soldiers who fought in the Mexican War of 1847-48 and that supplied the foundation stocks for the Texas Big Boll Stormproof varieties. The varieties, through selection within them or by hybridization with older varieties of the eastern and middle Cotton Belt, have been the parental basis for much of the improvement accomplished in the present day varieties of the main Cotton Belt.

In the first decade of this century, when the Mexican boll weevil that had crossed the border at Brownsville, Tex., in 1892 began to become a serious problem in cotton culture in Texas and Louisiana and a threat to the whole Cotton Belt, many measures were taken to combat the ravages of this insect. One of these measures was to find cottons endemic to the native habitat of the boll weevil that would seem in some ways resistant to its attack. In explorations in the interest of cotton and other tropical plants, O. F. Cook in 1902 found near Coban in the Department of Alta Verapaz, Guatemala, a small early type of Upland cotton that appeared to be resistant to the boll weevil and was grown by the Kekchi Indians of that area. Cook and some of his associates made subsequent trips to that area to study the boll weevil relationship in connection with this cotton and finally brought some of the seed of the Kekchi cotton to Texas and planted it in 1905. The variety now known as Paymaster and

grown to considerable extent on the high plains of Texas, is a derivative of the Kekchi introduction. In 1906 cotton explorations were extended to several other districts in Guatemala and southern Mexico. Cook and B. T. Jordan crossed Guatemala from Livingston, a port on the east coast, by a route somewhat north of Guatemala City to the southern part of Chiapas, one of the adjacent states of Mexico. The State of Chiapas was then traversed from south to north reaching through the State of Tabasco, the coast of the Gulf of Mexico at Frontera. Many native cottons were observed by Cook and Jordan on this expedition, but a single plant of Upland cotton found on June 17 at Ocosingo, in eastern Chiapas, attracted special attention. The plant was productive and had large unopened bolls. One effective boll, however, was open, providing enough cotton to determine fiber and seed characters but not enough to supply a sample collection. In November of the same year, G. N. Collins and C. B. Doyle resumed explorations to find the superior type of Upland cotton seen at Ocosingo during the previous month of June and to study the cotton and other tropical crop industries in Mexico. They went to Mexico City and from there by rail to Cordoba, Vera Cruz, Santa Lucrecia, Rincon Antonio, San Geronimo, and Jalisco, the last-named town being in the State of Chiapas. From this point the trip in Chiapas to Los Pinos, Providencia, Santa Lucia, Cintalapa, Rosario, Petapa, Tuxtla Gutierrez (capital of Chiapas), Acala, San Bartolome, San Sebastian, Teopisco, San Cristobal, Ixtapa and northward across the State of Tabasco to Frontera on the Gulf Coast via Pantepec and Pichucalco, was made mostly by horseback.

Several lots of cottonseed were collected on this trip, and two samples later becoming important were secured at Tuxtla Gutierrez and at Acala. Out of the former lot, the Tuxtla variety and out of the latter lot the Acala variety were developed. It is well known now that Acala is almost the exclusive variety grown in the irrigated valley cotton areas of West Texas, New Mexico, Arizona, and California.

In December 1925, Cook and J. W. Hubbard briefly visited northwestern Mexico in the States of Sonora and Sinaloa, and on this trip studied and collected native cottons. Dooryard forms were obtained at Guaymas, Sonora, and in the Yaqui Valley at Esperanza, Cocorit, and Cajeme (Ciudad Obregon). These other localities also are in the State of Sonora. Most of the data concerning these cottons, however, were obtained at Los Mochis located between San Blas and Topolobampo, Sinaloa. At Los Mochis an

American, A. W. Morrill, engaged in agricultural investigations in Mexico, had collected and planted several of the native dooryard cottons of that general area. These differed from the forms seen in Sonora. Of the dooryard forms collected in Sonora and Sinaloa, Cook and Hubbard classified them into five species, one, *G. patens* coming from Guaymas, Sonora, and the other four, *G. hypadenum*, *G. contextum*, *G. dieladum*, and *G. morrilli* coming from the collections of A. W. Morrill at Los Mochis, Sinaloa. The last species, however, was collected by Dr. Morrill in southern Sonora from sand dunes near the coast in the mouth of the Yaqui Valley. This cotton was the only lintbearing, nondooryard species (that is, persisting in undisturbed natural conditions) that was found in northwestern Mexico.

On account of the numerous fibers attached to the walls of the carpels, the open boll of *G. contextum* has a distinctive appearance: the locks do not emerge from the carpels, but draw down from the opening and remain a compact mass. It is of interest to note here that Macha, an Upland variety now grown to some extent on both the high and low plains of West Texas, possesses this same characteristic. Doubtless this is a relic character carried over from Mexican cotton.

The above collections represent linted cottons found in small field plantings of natives, dooryard growths (of one to only a few in respective yards), or those springing up from chance-dropped seeds along roadsides or in vegetatively open waste places. Although the roadside and wasteplace growth are in a sense wild cottons, it appears that all of these are relics of former cultivation rather than representatives of truly wild species.

In this discussion several species of linted cottons have been referred to. However, in accordance with Hutchinson, Silow, and Stephens' recent classification, these all appear to belong to the Upland or Mexican and Central American series and have been placed in one or the other of the following groups--*G. hirsutum*, *G. hirsutum punctatum*, or *G. hirsutum marie-galante*, the last two being varieties of the first species. It is noted in the work of Hutchinson, Silow, and Stephens that the *barbadense* or South American series also extends up through Central America and into Mexico about to the region of the Isthmus of Tehuantepec.

During the present cotton collection trip, Ware and Manning first went to Mexico City but continued to Guatemala in order to complete the work in that country before the rainy season set in, this season usually beginning earlier in Guatemala than in southern Mexico where the rest of the trip was to extend. The

portion of the trip in Guatemala was confined to the southeastern area of the country, regions not known to have been explored by previous cotton collecting expeditions.

This trip, therefore, began by going to the city of Escuintla and extending from this point to Taxisco and Papaturio in the Costa Grande area of the Departments of Escuintla and Santa Rosa. Travel was by jeep and the collectors were accompanied by a guide and interpreter. From these points the party proceeded northeastward over most of the passable roads through the rest of the Department of Santa Rosa in the Departments of Jutiapa, Jalapa, and Chiquimula and to the towns of Gualan and La Union in the Department of Zacapa. At the capitals of most of these Departments, Guilapa, Santa Rosa; Jutiapa, Jutiapa; Jalapa, Jalapa; Chiquimula, Chiquimula; and Zacapa, Zacapa, several days were spent at each going out and back on the several radiating roads that were available or fit for travel. On leaving the city of Zacapa, return to Guatemala City was made via the highway through a portion of the Department of Guatemala. After returning to Guatemala City three shorter trips were made, one through the southeastern portion of the Department of Guatemala and portions of the Department of Santa Rosa not covered in the other big trip described above. One day trips were made each to Barcena (location of Escuela Nacional de Agricultura) and to Antigua (location of Tropical Research Center connected with Iowa State College, Ames, Iowa).

In this exploration in Guatemala, cotton plants of both *hirsutum* and *barbadense* were found; the majority, however, belonged to the former species. In *hirsutum* a wide range of plants was sampled - from that of typical Upland recently imported from the United States through the *punctatum* forms to that of typical native *marie-galante*. Of the *barbadense* or South American series sampled, there were in general two races, kidney seed and free seed, with considerable variation in each.

In observing the plants and collecting the samples, an attempt was made in the field to roughly classify them in accordance with the recent Hutchinson, Silow, and Stephens' taxonomic scheme. In the case of each sample such notes of plant characters were taken that were thought to be useful markers in aiding such a classification. However, since the plants (other than those in a few fields and patches of definite Upland) occurred in dooryards, fence rows, and so forth, often had been cut back one or more times annually; occasionally had been injured by animals or children; or environmentally varied a great deal on account of

competition, differential rainfall, degree of desert conditions, or elevation, critical or reliable comparisons of the several botanical characteristics were difficult to make. Also, fruit forms, flowers, and green bolls to facilitate identification were not always present on all plants. The typical Upland characters on the one hand and those of *marie-galante* on the other were usually sufficiently definite to readily place in proper subgroups. The plants ranging between these extremes, including *punctatum*, were somewhat more difficult to place.

The typical Upland plants were found where some farmer had recently imported seeds for commercial growing or where a few seed had been distributed to individuals by the National Ministry of Agriculture or through some other agency. Other than the strictly Upland types, it appeared that all other forms were of native origin.

Of the 162 odd samples collected in Guatemala, they appeared to fall into the different classes about in the following proportions: 51 Upland, 42 somewhat Upland-like to *punctatum*-like, 39 *punctatum*, 11 *marie-galante*, 2 brown lints possibly of the *punctatum* groups, and 17 Sea Island-like forms (9 kidney seed and 8 free seed). One of the brown lint samples was collected by R. C. Hogshead of North Miami, Fla., a commercial plant collector who was contacted in Guatemala City. On going to Costa Rica he collected this sample there and brought it back to Miami and turned it over to inspection authorities. Plants of the Sea Island series were found at higher elevations than generally was the case with the other forms. Around Guatemala City, that is at Antigua, Barcena, and Villa Nueva about 4,500 feet elevation, the only cotton plants found were of the *barbadense* series. Throughout the trip in southeastern Guatemala the plants of this series that were occasionally found occurred at from 2,500 to 5,800 feet elevation. The kidney seed obtained from Barnum Brown of the Museum of Natural History, New York, who was studying ancient Indian ruins in the Department of Peten Guatemala, however, was grown at low elevation. Brown collected the seed at Paso Cabella, north of Tio San Pedro.

The plants that appeared to be of the *marie-galante* variety were all found in the general vicinity of Taxisco or the south end of the Department of Santa Rosa, except one. The one exception was a typical plant in a yard in the town of Esquipulas, Department of Chiquimula.

When this work was completed in Guatemala, Ware and Manning returned to Mexico City and,

accompanied by a guide and interpreter, proceeded to the City of Oaxaca in the State of Oaxaca. On finding it difficult to hire transportation, the interpreter went back to Mexico City and obtained a jeep.

The truly wild species *G. gossypoides* and *G. trilobum* have been reported as occurring in this area, the latter species, however, less specific as to particular place. In January 1946 Richmond and Manning, during their expedition at that time, located one of these forms about 95 km on the Pan American highway southeastward from the City of Oaxaca and toward the Isthmus of Tehuantepec. They classified their collection as *G. gossypoides*.

Ware and Manning had planned some further work on these wild cottons reported as occurring in two species. They wished to find both species, reverify the reported marks of distinction between them and gather more information on the actual distribution of each. On going to the spot where this cotton was reported, it was again located and found to be in a fairly vigorous vegetative growing condition, but had no fruit, buds, flowers, or bolls. Some bolls, which were very small, were collected off the ground from under some of the plants and the collection number of MW 219 given to the sample. The bracts were too dry and crisp to use as marks of identification. Herbarium specimens of green branches and leaves were collected. The leaves resemble leaf descriptions for either of the two species. All plants seen were practically identical as to botanical plant characters in evidence at the time. After much observation up and down the highway and several hundred yards into the mountainous virgin countryside rather sparse vegetation, cactus, various kinds of scrubby small trees, and smaller bushes and desert plants, the distribution of these wild cotton plants was found to extend scatteringly along the highway for about 8 km, 95 to 103 km from the city of Oaxaca. This distribution also did not appear to extend more than a few hundred yards in right angles from the highway. However, by extensive climbing of the hills and mountains of this general area by foot and by use of horses the range might be found to be much greater.

This form may also occur in other similar areas of the general region. The distribution of this form should be sought out and if there is another form of species rank, such as *G. trilobum*, it should be likewise studied whether centered in the State of Oaxaca or elsewhere in Southern Mexico.\* Since the season was rapidly advancing and the wild cotton found had no fruits nor

\*Note: It is now known that *G. trilobum* does not extend as far south as Oaxaca. (Cf. Madrono 18 113-118, 1965; 19:117-123, 1967.)

many seed that could be found, further work on this phase was called off and the collection of linted dooryard cottons resumed in portions of the Oaxaca Valley not previously covered and along the western side of the States of Oaxaca and Guerrero largely between the towns of Pochutla and Acapulco.

In connection with traveling back and forth from the city of Oaxaca to the wild cotton area, a number of dooryard cottons were collected in the villages and towns along the way and in the city itself. The towns visited were Tlacolula, Mitla, Matatlan, and Totolapan. Thirty-three samples were collected. They often were tree-like and several years old. One sample had some resemblance to *marie-galante* but, except for a few plants in the city of Oaxaca that were somewhat Upland-like, the group appeared to be *punctatum*. In the parts of the area outside of the city, eight samples had brown lint. No plants of the Sea Island nor of the true *marie-galante* type were seen anywhere during the trip in Mexico.

A portion of the Oaxaca Valley directly south of the city of Oaxaca was covered next and 50 dooryard samples collected. The towns visited were Zaachila, Zimatlan, San Nicholas, San Pablo, San Martin, Ejutla, Miahuatlan, and Ocatlan. About a dozen villages in the same general area, the names of which do not appear on ordinary maps, were also visited. Most of the plants were several years old and, therefore, were large shrubs or small trees appearing to be of the *punctatum* type. Seven of the 50 samples had brown lint. Samples MW 279 came from a composite of several okra-leaf plants collected near a village Las Monjas several kilometers northwest of Miahuatlan. Another okra-leaf plant was seen in a yard in Zimatlan but no sample was obtained. The owner was not at home.

On leaving the Oaxaca Valley, Ware and Manning drove almost directly southward over a wide and rough mountainous area to Pochutla near Puerto Angel on the Pacific coast. The mountains approach the sea in this area rather closely. The country at the time (the middle of May) was very dry. Only a few cotton plants were found in the general vicinity. The eight dooryard samples obtained in Pochutla and in the surrounding villages (Limoni, Chacalape and a few others not indicated on maps) ranged from near Upland-like to Upland-like. Some of the Upland-like plants were quite hairy. The lint of all was white.

From Pochutla a trip was made up the coast toward the State of Guerrero, the Rio Verde (green river) was reached but was too swollen from mountain rains to cross. Five Upland-like samples were found on this trip, one at a village along the way, and the other four in the

Indian town of Tutotepec, visited just a few hours before reaching Rio Verde.

Since the jeep could not be taken across this river with the facilities on hand, the party returned to Pochutla, Oaxaca, and Mexico City, and reached Acapulco, Guerrero, by going southward from this city on a good highway. After reaching Acapulco, a trip was made down the coast back toward the State of Oaxaca. River crossing difficulties were encountered again at Ometepec, Guerrero. The jeep was stored at this point and a 6-day horseback trip, part of which extended again back into the State of Oaxaca, was made.

Sixteen collections were taken from this part of the State of Oaxaca. Some of these were Upland or Upland-like, had cream petals, and no spot on claws when flowers were present. The others were of the okra-leaf type and had yellowish petals and spots on claws when flowers were present. The 16 collections all had white lint. The okra-leaf collections were 10 in number and appeared to be perennial in growth habit and of native origin or at least to have persisted in the respective neighborhood for some period of time. These okra-leaf forms appeared to belong to the *punctatum* variety. They were all found as dooryard growths.

According to reports from some of the natives, this type of cotton was formerly cultivated to some extent. However, they said that they had found that the Upland was more practical for this purpose, but at present the culture of this type, too, has waned. Two Upland plantings, one of one-half acre and another of one acre in size were found. Single samples were taken from each of these fields. In another case, an Upland sample was obtained at a house reported to have come from a mixed planting of this cotton with corn. In addition, two dooryard Upland plants were found in two respective villages and at the second village a massed sample was obtained from the owner of the single plant. He had obtained a small lot of this cotton for thread-making from local people who had a few plants in their yards. This sample, although showing some variations in seed fuzz, appeared to be of the same type as his own plant, Upland.

This portion of the State of Oaxaca lay southeastward, eastward, and northeastward from Ometepec, Guerrero. The horseback trip was made by way of Llano Grande, for some distance toward Pinotepa Nacional and then northward through Ixcarpa, Cacahuatpec, and Amusgos before re-entering the State of Guerrero. About six smaller towns or villages not shown on ordinary maps were also visited enroute. During the portion of this trip, which was on

the Guerrero side of the State line, and while in Ometepe itself, 20 samples were collected. Several villages, the names of which are not on regular maps, and the towns of Xochistlahuaca and Zaculpan were visited.

In this area as well as in the area across the state line in Oaxaca the samples collected were made up of two general types, *punctatum*, which consisted mostly of the okra-leaf form, and *Upland*, a carryover from stocks of prior more common culture of the latter type. Of the 20 samples collected in this area, four, however, were obtained at houses elsewhere than the place of growth. Since the plants were not seen, it was not possible to arrive at any very definite conclusion as to varietal or type classification. One of the four had brown lint. Three of the other 16 were of the Upland type, one of these samples coming from a field of several acres of cotton and corn mixed. One of the other two samples came from a field of about one acre size. The third came from a single dooryard plant which had been planted from seed coming the year before from a field of cotton and corn mixed. The lint of the Upland plants was white. The 13 *punctatum* collections all had white lint except one, which was brown. All but two had okra leaves. One of the normal-leaf collections had the brown lint. The other normal-leaf collection, with exception of leaf-type, resembled the other of the *punctatum* group. The 11 of the okra-leaf type had flowers (except 3), and, therefore, exhibited yellowish petals and the petal spot which seemed characteristic of this group.

In the area between Acapulco and Ometepe, Guerrero, the collecting was done on the way back and around Acapulco after returning. Some few collections were also made between Acapulco and Taxco, Guerrero, on the way back to Mexico City. The names of the villages and towns between Ometepe and Acapulco and after leaving the latter town were recorded as obtained from the natives, but only two of the towns and these, Cruz Grande and San Marcos, between Ometepe and Acapulco are located on such maps as are available. Twenty-one collections were made on the trip from Ometepe to Acapulco. The types were about the same as around Ometepe and the area covered immediately eastward, that is a predominance of okra-leaf *punctatum*.

Four of the 22 plants appeared to be definitely Upland white, 2 others were Upland-like. Two additional samples were taken from a bird nest, one brown and the other white, but not seeing the plants from whence the seed cotton came, classification is not suggested. The other 14 collections were of the typical

okra-leaf *punctatum* having yellowish petals, petal spot, and white lint, and found in dooryards. The six Upland and near-Upland collections were found in small plantings or in yards, and appeared to have been derived from Upland culture in this area in the recent past. In the areas where cotton had been grown on a field scale all the way up the Pacific coast from Pochutla to Acapulco, it was said that this crop had been supplanted by Sesame (Ajonjolí) for commercial oil production. The sesame crop had been harvested earlier in the season, but there was much evidence of this oil crop in the use of the matured and dried plants in roof thatching of native huts. Apparently, the former commercial cotton culture involved the regular upland type rather than the *punctatum* or perennial dooryard forms.

Around Acapulco and for some distance northward on the highway toward Taxco, 16 collections were obtained, the final work of the expedition. All of these had white lint and all were of the okra-leaf type, except one which was Upland. The okra-leaf plants appeared to be of the *punctatum* variety having yellowish petals and the claw spot.

The Upland plant of this group, although a dooryard growth, was planted with the idea of experiment. The owner wished to see how well this cotton would produce with the view of growing some cotton. He later dropped the idea altogether, but this plant remained in his yard and was 3 or more years old.

All of the okra-leaf plants found on the part of the trip north of Pinotepa Nacional, with the exception of relatively minor variations, were similar.

### Future Cotton Exploration and Collection

It has been mentioned that the distributions of *G. gossypoides* and *G. trilobum* should be worked out more fully; and that the extent of the wild species of northwestern Mexico other than that of *G. thurberi* is not too well known. Reports indicate that some of these wild forms have resistance to pink bollworm, and it is known that certain Upland crosses having *G. thurberi* as a parent exhibit high degrees of fiber strength. Doubtless several other characters useful to modern cotton production and quality could be obtained through additional crossing and backcrossing involving these cottons.

The additional areas of Mexico and Central America having the dooryard native forms that have not as yet been explored should be visited as soon as possible. It appears that the old dooryard forms are being replaced gradually by ordinary Upland cotton, the seed of

which spread from local commercial or attempted commercial plantings of stocks recently obtained from the United States. Among these endemic forms the whole of the native upland areas of Guatemala and Southern Mexico should be studied, including seeking out the northern periphery of this distribution in Mexico. This study should proceed with the view of determining, if possible, the exact origin of the big-boll, grayish-white seed cotton that is reported as forming the basis of the American Upland type during the 19th century.

As a part of the Guatemalan and Mexican native cottons, the distribution of the *punctatum* group should be studied as to its extension around the northern coast of the Gulf of Mexico and Florida, and its penetration southeastward into the West Indies. Likewise, the range of the *marie-galante* group of these native cottons should be followed out. This distribution is reported to extend from southern Guatemala down through Central America to the Isthmus of Panama and over a large area of northeastern South America and into the West Indies by way of the south end of the Antilles chain.

The *barbadense* or South American series of cotton apparently originated in southwestern South America centering possibly in the present countries of Peru, Ecuador, and Colombia. The extension of this series should be studied; that is, its penetration in Central America up to the Isthmus of Tehuantepec and its spread over the northern two-third of the continent of South America and into the West Indies.

Since certain cotton forms of the Old World have

shown good results in hybridization with American wild cottons and in turn with Upland, the plant exploration work should also include study and collection in India, Africa, and other cotton areas of the Old World. Stocks of upland cotton that have grown in India for more than 100 years should also be sampled.

In preparing the above statements, the following references were consulted:

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## EXPLANATION OF TABLE HEADINGS AND CODES

### Codes for Species

01 = *Gossypium hirsutum* L.

02 = *Gossypium barbadense* L.

### Codes for Races of *G. hirsutum*

00 = commercial variety

01 = *latifolium*

02 = *punctatum*

03 = *marie-galante*

04 = *palmei*

05 = *richmondi*

06 = *morilli*

07 = *yucatanense*

08 = unknown

### Codes for Field Scores, Texas Collection

#### Field Score 1 - Plant Height

Plant height, in feet, as grown in Iguala, Mexico.

Field Score 2 - Relative maturity of entries when earliest cotton had all bolls open.

1. All bolls open
2. 1/2 bolls open
3. Mostly green bolls
4. No bolls open
5. No flowers

Field Score 3 - Relative productiveness

1. Most productive
2. Good production
3. Fair production
4. Poor production
5. No production

Field Score 4 - Pubescence

1. No plant hairs
2. Few plant hairs

3. Hairy
  4. Very hairy
- Field Score 5 - College Station flowering score
- 0.0 - No flowers during growing season
  - 1.0 - Flowers 8 weeks later than Upland Variety
  - 2.0 - Flowers 6 weeks later than Upland Variety
  - 3.0 - Flowers 4 weeks later than Upland Variety
  - 4.0 - Flowers 2 weeks later than Upland Variety
  - 5.0 - Flowers as early as Upland Variety

Codes for Field Scores, Mississippi collection.

Field Score 1 - Leaf color

- 1 = green
- 2 = red
- 3 = virescent yellow
- 4 = dark (super) red
- 5 = segregating

Field Score 2 - Leaf hairs

- 1 = No plant hairs
- 2 = Few plant hairs
- 3 = Moderate plant hairs
- 4 = Hairy
- 5 = Very hairy
- 6 = Pilose

Field Score 3 - Petal color

- 1 = yellow
- 2 = cream
- 3 = cream/red
- 4 = segregating
- 5 = dark-yellow
- 6 = light-yellow
- 7 = red

Field Score 4 - Petal spot

- 0 = none
- 1 = light spot
- 2 = medium spot
- 3 = heavy spot

Field Score 5 - Pollen color

- 1 = yellow
- 2 = cream
- 3 = segregating
- 4 = dark-yellow

Codes for Field Scores, Arizona collection

Field Scores 1, 2, 3, and 4 same as Texas.

Field Score 5 - Date of first flowers, Phoenix, Ariz., 1964.

- 1 - 6/17
- 2 - 6/30
- 3 - 7/7
- 4 - 7/21
- 5 - 8/6
- 6 - 8/20
- 7 - 9/4

8 - 9/18

9 - 10/1

10 - 10/23

11 - Nonflowering

Leaf Lac.

B/A; B = distance from petiole to the sinus between the middle lobe and the first lateral lobe

A = length of leaf from petiole to tip of middle lobe

Petal color

- 1 = yellow
- 2 = cream
- 3 = segregating yellow and cream

Pollen color

- 1 = yellow
- 2 = cream
- 3 = segregating yellow and cream

Spot grade

- 0 = spotless
- 22 = full spot

Calyx hairs

- 1 = hairs absent
- 2 = very few hairs
- 3 = hairs present, poorly developed
- 4 = hairs present, well developed

Boll length

length from base to tip in mm

Boll width

cross section at widest part in mm

Fuzz grade

- 1 = heavy fuzzy
- 18 = naked

Type seed

- 1 = free seed
- 2 = semi-kidney
- 3 = kidney

Grams per boll

Average weight per boll of seed cotton.

Lint percent

The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.

Seed index

The weight of 100 seed, in grams.

Lint index

The weight of lint from 100 seeds, in grams.

UHM (Upper half mean)

The length, in inches of the half of the fibers, by weight, that contains the longer fibers. Values of UHM approximate classer's staple and also 2.5-percent span length.

Mean	The average length, in inches, of all fibers longer than 1/4 inch.	Arealometer A	"A" is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material.
TO	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams force per tex.	D	Difference between the value of the specific area determined at high pressure ( $A_H$ ) and the value of the specific area determined at standard pressure (the "A" measured above) "D" is presumably a measure of the flatness of the fiber ribbon; that is, the higher the "D" value, the more ribbonlike are the fibers.
Tex	A measuring unit for linear density of fibers, filaments, and yarns based on weight in grams of 1,000 meters of fiber or yarns (a tex equals 0.1 grex).	Colorimeter	These were determined by the Nickerson-Hunter Colorimeter (Spinlab Model).
Tl	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle separated by a 1/8-inch space. Strength is expressed in terms of grams force per tex.	Reflectance (RD)  Yellowness (B)	RD is a measure of the percentage of reflectance; the higher the value, the lighter is the cotton. Hunter's B value is a measure of increasing yellowness of the cotton.
El	The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for Tl strength on the Stelometer.	Micronaire	The fineness of the sample taken from the ginned lint but measured by the Micronaire and expressed in standard (curvilinear scale) micronaire units.



IDENTIFICATION NUMBERS					GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PER BOLL
TEXAS	C.R.	P.I.	FT. COLLINS	SP. & RACE							
0001	1731	153981	3427	0104	GUERRERO, MEX.	06	3	2	1	0.0	01.8
0002	1732	153982	3428	0101	GUERRERO, MEX.	04	2	2	1	3.5	05.6
0003	1734	153984	3429	0101	GUERRERO, MEX.	04	2	2	3	3.5	06.8
0004	1736	153986	3430	0101	GUERRERO, MEX.	05	2	2	4	0.0	04.3
0005	1737	153987	3431	0104	GUERRERO, MEX.	06	3	2	1	0.0	01.6
0006	1738	153988	3432	0101	PUEBLO, MEX.	05	2	2	4	0.0	06.2
0007	1741	153992	3433	0101	PUEBLO, MEX.	05	2	2	4	0.0	04.2
0008	1744	153995	3434	0101	PUEBLO, MEX.	03	2	2	3	2.5	06.0
0009	1747	153998	3435	0104	OAXACA, MEX.	05	3	2	1	0.0	01.4
0010	1748	153999	3436		OAXACA, MEX.	04	2	2	5	1.5	04.6
0011	1748	153999	3437	0106	OAXACA, MEX.	05	4	4	5	0.0	
0012	1755	154006	3438	0105	OAXACA, MEX.	06	3	4	3	0.0	
0014	1760	154011	3439	0105	OAXACA, MEX.	06	3	3	1	0.0	
0015	1762	154013	4867		OAXACA, MEX.						
0016	1767	154018	3440	0101	CHIAPAS, MEX.	04	2	2	2	3.5	10.1
0017	1771	154022		0101	CHIAPAS, MEX.	03	2	2	3	4.5	01.0
0018	1775	154026	3441	0105	CHIAPAS, MEX.	04	3	4	1	1.5	04.0
0019	1775	154026	3442	0105	CHIAPAS, MEX.	05	3	3	1	0.0	04.4
0020	1777	154028	4868		CHIAPAS, MEX.					1.5	
0021	1777	154028	3443	0101	CHIAPAS, MEX.	03	1	1	3	4.5	09.3
0022	1778	154029	3444	0101	CHIAPAS, MEX.	04	2	3	3	0.0	04.9
0024	1782	154033	3445	0101		05	3	3	4	4.5	06.5
0025	1784	154035	3446	0102	CHIAPAS, MEX.	03	3	3	1	0.0	04.3
0026	1785	154036	3447	0102	CHIAPAS, MEX.	03	3	3	1	1.5	04.9
0027	1786	154037	3448	0102	CHIAPAS, MEX.	04	3	3	1	0.0	04.0
0028	1787	154038	3449	0102	CHIAPAS, MEX.	03	3	3	1	0.0	04.4
0029	1789	154040	3450	0102	CHIAPAS, MEX.	03	3	2	2	0.0	04.7
0030	1792	154043	3451	0101	CHIAPAS, MEX.	04	2	3	3	3.5	
0031	1794	154045	3452	0101	CHIAPAS, MEX.	03	2	2	4	4.5	08.0
0033	1796	154047	3453	0101	CHIAPAS, MEX.	03	1	1	3	3.5	07.2
0034	1797	154048	3454	0101	CHIAPAS, MEX.	03	1	1	2	4.5	08.7
0035	1798	154049	3455	0101	CHIAPAS, MEX.	04	1	2	3	4.5	09.9
0036	1799	154050	3456	0101	CHIAPAS, MEX.	03	1	2	3	4.5	10.1
0037	1800	154051	3457	0101	CHIAPAS, MEX.	03	2	3	3	3.5	12.8
0038	1800	154051	3458	0101	CHIAPAS, MEX.	03	2	3	3	4.5	07.6
0039	1801	154052	3459	0101	CHIAPAS, MEX.	03	1	2	2	4.5	08.5
0040	1801	154052	3460	0101	CHIAPAS, MEX.	03	1	2	2	4.5	06.6
0041	1801	154052	4869		CHIAPAS, MEX.					3.5	
0043	1803	154054	3461	0101	CHIAPAS, MEX.	04	2	3	2	4.5	07.0
0044	1804	154055	3462	0102	CHIAPAS, MEX.	04	3	2	1	0.5	02.7

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER A D	
						T0	T1	E1			
0001	20.0	08.0	02.0	0.99	0.85	39.7	18.7	07.9	4.05	502	15
0002	28.0	13.6	05.3	0.91	0.80	35.3	18.5	08.2	4.60	435	25
0003	36.0	11.4	06.4	0.96	0.86	33.1	17.7	08.4	5.73	392	23
0004	21.0	11.6	03.2	0.90	0.80	35.1	19.8	08.9	4.10	496	35
0005	25.0	07.8	02.7	0.89	0.79	34.6	20.2	09.0	4.10	496	38
0006	31.0	13.2	05.9	0.91	0.79	42.6	19.0	04.8	5.93	370	21
0007	26.0	10.6	03.7	0.87	0.78	37.1	21.9	08.7	4.63	450	19
0008	31.0	13.0	05.8	0.84	0.75	36.2	16.5	07.9	6.80	326	09
0009	30.0	06.6	02.9	0.76	0.64	32.3	13.6	08.7	5.65	400	11
0010	29.0	11.0	04.5	1.04	0.95	34.2	19.3	09.2	5.25	400	11
0011		08.0									
0012		09.4									
0014		11.0									
0015				0.98	0.84	39.5	19.2	08.2	5.96	378	14
0016	26.0	14.0	05.0	1.03	0.86	36.0	15.9	07.0	4.08	503	48
0017	39.0	07.0	04.5	0.95	0.86	42.3	17.5	05.2	3.73	520	40
0018	24.0	12.0	03.8	0.87	0.78	40.2	21.7	08.6	6.48	342	08
0019	21.0	12.4	03.3	0.89	0.81	41.4	22.0	09.0	6.38	341	07
0020				1.06	0.91	37.8	16.2	06.4	6.60	351	14
0021	35.0	13.6	07.3	1.01	0.85	37.9	17.2	07.2	4.65	454	26
0022	18.0	13.8	03.1	0.91	0.80	37.4	18.0	08.7	5.95	364	09
0024	30.0	13.4	05.7	0.94	0.79	36.1	16.8	07.4	5.03	432	32
0025	18.0	12.4	02.8	0.91	0.83	41.8	21.8	08.1	6.20	354	11
0026	19.0	12.0	02.8	0.94	0.85	42.2	21.5	08.4	6.03	350	10
0027	26.0	11.8	04.1	1.05	0.95	36.0	18.7	09.4	4.60	428	22
0028	20.0	14.8	03.7	0.86	0.78	41.8	20.4	08.4	6.33	326	07
0029	27.0	10.4	03.8	0.98	0.88	36.6	18.3	08.5	5.60	364	09
0030	37.0			1.00	0.87	42.2	16.3	07.4	5.90	351	15
0031	40.0	13.0	08.7	0.94	0.84	36.2	16.3	08.6	5.15	394	17
0033	32.0	12.6	05.9	0.90	0.77	35.7	17.5	09.5	4.80	417	22
0034	43.0	11.2	08.4	0.87	0.80	34.2	16.3	07.8	5.53	368	13
0035	39.0	12.6	08.1	1.01	0.85	35.7	17.0	06.9	5.88	370	15
0036	40.0	13.8	09.2	0.91	0.78	33.9	14.3	07.5	6.23	329	08
0037	47.0	12.4	10.9	0.89	0.79	38.7	15.1	06.5	7.20	308	09
0038	35.0	14.4	07.7	1.10	0.93	37.0	16.9	07.5	4.75	431	41
0039	38.0	13.4	08.2	0.98	0.88	35.4	15.8	07.8	5.65	376	15
0040	42.0	10.8	07.8	0.90	0.82	37.7	14.6	07.1	6.50	325	10
0041				0.98	0.85	38.1	17.7	07.5	6.24	368	17
0043	39.0	15.0	09.5	1.06	0.99	38.3	18.0	07.8	5.23	403	15
0044	22.0	11.0	03.0	0.98	0.85	36.0	17.9	08.7	4.88	413	16

IDENTIFICATION NUMBERS						FIELD SCORES					GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS	RACE	ORIGIN						
0045	1805	154056	3463	0102	CHIAPAS, MEX.	04	3	2	1	3.5	02.6
0046	1806	154057	3464	0101	CHIAPAS, MEX.	03	3	3	3	2.5	15.2
0048	1810	154061	3465	0101	CHIAPAS, MEX.	03	3	3	2	3.5	11.4
0050	1818	154068	3466	0101	CHIAPAS, MEX.	03	1	3	2	3.5	10.0
0051	1821	154071	4870	0104	CHIAPAS, MEX.	04	3	4	1	0.0	00.9
0052	1820	154079	3467	0101	CHIAPAS, MEX.	04	3	3	2	4.5	06.4
0053	1830	154080	3468	0101	CHIAPAS, MEX.	04	2	3	2	3.5	05.2
0055	1837	154087	3469	0101	CHIAPAS, MEX.	04	1	2	3	3.5	05.7
0056	1838	154088	3470	0101	CHIAPAS, MEX.	04	2	3	3	4.5	
0057	1840	154090	3471	0101	CHIAPAS, MEX.	03	2	2	4	4.5	07.6
0058	1841	154091	3472	0101	CHIAPAS, MEX.	03	1	1	3	3.5	07.0
0059	1842	154092	3473	0101	CHIAPAS, MEX.	03	2	3	1	1.5	06.0
0060	1843	154093	3474	0101	CHIAPAS, MEX.	03	2	3	2	3.5	06.6
0061	1844	154094	3475	0101	CHIAPAS, MEX.	04	1	3	3	3.5	08.3
0062	1846	154096	3476	0101	CHIAPAS, MEX.	04	2	2	3	4.5	07.5
0063	1849	154099	3477	0101	CHIAPAS, MEX.	03	1	1	2	4.5	06.6
0064	1850	154100	3478	0101	CHIAPAS, MEX.	04	1	1	2	4.5	06.4
0065	1851	154101	3479	0101	CHIAPAS, MEX.	03	1	1	3	4.5	07.2
0066	1852	154102	3480	0101	CHIAPAS, MEX.	03	1	2	3	2.5	05.7
0067	1853	154103	3481	0101	CHIAPAS, MEX.	03	1	1	1	4.5	09.8
0068	1710	153960	3482	0101	GUATEMALA	04	1	1	4	0.0	07.4
0069	1714	153964	3489	0101	GUATEMALA	04	1	2	5	0.0	03.7
0070	1714	153964	3483	0101	GUATEMALA	04	1	2	4	0.0	03.3
0071	1715	153965	3484	0101	GUATEMALA	05	2	3	4	0.0	07.5
0072	1716	153966	3485	0101	GUATEMALA	05	2	3	4	4.5	05.6
0073	1717	153967	3486	0101	GUATEMALA	03	2	3	4	0.0	03.7
0074	1718	153968	3487	0101	GUATEMALA	04	2	3	4	0.0	06.5
0075	1718	153968	3488	0101	GUATEMALA	04	2	3	3	0.0	03.1
0076	1718	153968	3490	0101	GUATEMALA	04	2	3	3	0.0	03.0
0077	1719	153969	3491	0101	GUATEMALA	03	3	3	5	0.0	03.1
0078	1719	153969	3492	0101	GUATEMALA	04	2	3	3	0.0	03.1
0079	1720	153970	3493	0101	GUATEMALA	03	1	1	3	1.5	06.3
0080	1720	153970	3494	0101	GUATEMALA	03	1	3	4	0.0	03.5
0081	1720	153970	3495	0101	GUATEMALA	03	2	4	3		04.5
0082	1721	153971	3496	0101	GUATEMALA	03	1	3	3	0.0	03.4
0083	1722	153972	3497	0101	GUATEMALA	04	1	2	4	1.5	06.8
0084	1722	153973	3498	0101	GUATEMALA	03	1	2	4	0.0	05.6
0085	1723	153973	3499	0101	GUATEMALA	04	1	1	3	3.5	04.9
0086	1724	153974			GUATEMALA						05.6
0087	1725	153975	3500	0101	GUATEMALA	05	1	2	3	0.0	05.5

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELONETER			MICRO- NAIRE	AREALO- METER	
						T0	T1	E1		A	D
0045	24.0	11.2	03.5	0.98	0.84	35.9	18.4	09.0	4.85	421	26
0046	38.0	17.0	10.4	1.05	0.95	37.9	15.9	06.1	5.85	365	17
0048	38.0	16.4	09.9	0.95	0.84	37.7	14.8	06.5	6.10	351	18
0050	42.0	11.8	08.5	0.92	0.79	37.9	16.0	07.4	6.50	325	14
0051	32.0	07.8	03.7	0.75	0.62	34.6			4.55	435	10
0052	34.0	11.4	05.9	0.83	0.75	38.5			6.38	341	08
0053	34.0	16.8	08.5	0.94	0.82	40.0	17.6	07.8	5.25	388	22
0055	37.0	11.2	06.6	0.73	0.63	39.9			7.45	399	06
0056	33.0	10.8	05.3	1.11	1.00	37.8	19.1	07.7	4.30	472	24
0057	34.0	15.2	07.9	0.91	0.79	34.1	15.8	08.0	5.98	363	14
0058	36.0	12.0	06.8	0.90	0.78	37.4	16.3	08.3	6.58	331	10
0059	31.0	12.4	05.6	1.03	0.93	32.3	15.9	08.7	5.05	404	21
0060	36.0	11.2	06.3	0.83	0.74	34.4	15.5	09.2	6.25	348	15
0061	35.0	12.8	06.9	0.94	0.84	35.9	15.6	07.6	5.90	361	12
0062	31.0	14.6	06.5	1.17	1.04	42.3	20.0	07.1	5.30	397	23
0063	33.0	14.2	06.9	1.01	0.84	40.7	18.6	06.7	4.40	454	26
0064	35.0	14.6	07.7	1.01	0.88	37.9	17.2	06.9	5.72	371	10
0065	33.0	12.4	06.1	0.94	0.82	37.6	15.6	07.1	6.68	326	09
0066	32.0	10.2	04.8	0.76	0.65	33.7			6.63	345	15
0067	45.0	11.8	09.5	0.94	0.81	34.0	15.5	08.1	5.58	386	29
0068	32.0	12.0	05.6	0.88	0.77	37.3	15.7	07.8	6.08	362	23
0069	24.0	10.6	03.4	0.86	0.77	31.9	17.0	09.4	5.08	410	26
0070	24.0	10.0	03.2	0.71	0.61	30.9			5.45	391	20
0071	33.0	13.2	06.5	0.79	0.70	36.3			7.25	298	17
0072	37.0	11.8	06.9	0.91	0.77	40.3	15.1	07.8	6.08	357	33
0073	27.0	11.8	04.4	0.91	0.81	41.0	21.2	09.2	5.68	382	16
0074	32.0	14.0	06.6	0.89	0.81	33.0	18.7	08.3	5.90	471	20
0075	27.0	09.0	03.3	0.74	0.64	35.7			5.38	403	13
0076	27.0	09.8	03.6	0.74	0.64	32.7			6.18	351	22
0077	27.0	10.0	03.7	0.74	0.62	34.7			6.55	336	05
0078	25.0	09.2	03.1	0.75	0.64	37.4			4.88	416	23
0079	33.0	13.6	06.7	1.01	0.92	36.8	20.4	07.3	5.48	401	19
0080	30.0	09.0	03.9	0.72	0.62	32.6			6.35	343	18
0081	31.0	11.6	05.2	0.81	0.71	35.6			6.18	376	14
0082	24.0	11.0	03.4	0.83	0.74	34.5			5.23	376	15
0083	30.0	13.8	05.9	0.91	0.79	40.3	18.9	05.7	6.68	326	06
0084	33.0	12.6	06.2	0.94	0.81	34.5	17.9	08.6	6.23	359	19
0085	34.0	10.6	05.5	1.06	0.91	39.1	17.8	05.9	4.53	434	12
0086	41.4	11.2	07.9	0.92	0.83	39.5	19.0	08.0	6.48	337	20
0087	26.0	11.8	04.1	1.05	0.91	37.7	19.1	07.9	3.35	570	55

IDENTIFICATION NUMBERS						FIELD SCORES					GRAM
TEXAS	C.S.	P.I.	COLLINS	RACE	ORIGIN						BOLL
0088	1726	153976	3501	0101	GUATEMALA	04	1	2	3	085	06
0089	1727	153977	3502	0101	GUATEMALA	04	2	3	4	0.0	05.1
0090	1730	153980	3503	0101	GUATEMALA	04	1	2	3	0.0	07.4
0091	1730	153980	3504	0101	GUATEMALA	04	1	3	4	0.0	04.3
0092	2046	162063		0106	FRENCH EQ. AFR.						
0093	2183	163654	3505	0101	GUATEMALA	04	1	1	3	4.5	05.9
0094	2251	163722		0102	GUATEMALA	02	2	3	3	0.0	01.7
0095	2150	163621	3506	0101	GUATEMALA	04	3	3	5	0.5	03.1
0096	2194	163665	3507	0101	GUATEMALA	03	1	2	5	0.0	04.1
0097	2141	163612	3508	0101	GUATEMALA	04	1	2	5	0.0	02.2
0098	2231	163702	3509	0101	GUATEMALA	03	1	1	3	0.0	02.3
0099	2147	163618	3510	0101	GUATEMALA	03	2	2	4	0.5	02.5
0100	2158	163629	3511	0101	GUATEMALA	03	2	2	4	2.5	04.8
0101	2172	163643	3512	0101	GUATEMALA	03	1	1	2	0.0	02.0
0102	2180	163651	3513	0101	GUATEMALA	03	2	3	3	0.0	03.8
0103	2187	163659	3514	0101	GUATEMALA	04	3	3	5	0.0	04.6
0104	2205	163676	3515	0101	GUATEMALA	03	3	3	4	0.0	04.4
0105	2228	163699	3516	0101	GUATEMALA	03	1	3	4	2.5	05.0
0106	2241	163712	3517	0101	GUATEMALA	03	1	2	4	2.5	04.0
0107	2263	163734	3518	0101	GUATEMALA	04	2	3	4	0.5	03.4
0108	2389	165325	3519	0101	OAXACA, MEX.	03	2	2	3	3.5	06.4
0109	2406	165342	3520	0101	OAXACA, MEX.	04	2	2	2	3.5	05.9
0110	2137	163608	3521	0200	GUATEMALA						
0111	2168	163639	3522	0103	GUATEMALA	04	3	3	1	0.0	00.9
0112	2219	163690	3523	0101	GUATEMALA	03	1	2	3	3.5	03.9
0113	2233	163704	3524	0101	GUATEMALA	04	1	3	3	1.5	03.4
0114	2247	163718	3525	0102	GUATEMALA	04	2	3	3	0.0	02.1
0115	2256	163727	3526	0102	GUATEMALA	04	3	3	3	0.0	02.2
0116	2131	163702	3527	0101	GUATEMALA	04	1	2	2	4.5	09.9
0117	2382	165318	3528	0101	OAXACA, MEX.	05	3	3	4	0.0	03.4
0118	2148	163619	3529	0101	GUATEMALA	04	3	3	4	0.5	02.6
0119	2174	163645	3530	0101	GUATEMALA	03	2	3	3	0.5	04.0
0120	2181	163652	3531	0101	GUATEMALA	03	2	2	3	2.5	05.8
0121	2196	163667	3532	0101	GUATEMALA	04	2	2	4	2.5	05.2
0122	2206	163677	3533	0101	GUATEMALA	03	2	3	4	1.5	05.4
0123	2242	163713	3534	0101	GUATEMALA	03	2	2	3	2.5	04.6
0124	2154	163625	3535	0101	GUATEMALA	03	3	2	4	0.0	06.4
0125	2303	165329	4871	0106	OAXACA, MEX.	03	4	4	5	0.0	02.1
0126	2325	165261	3536	0106	OAXACA, MEX.	04	3	4	5	0.0	
0127	2332	165259	3537	0106	OAXACA, MEX.	03	3	4	3	0.0	

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0088	32.0	12.0	05.6	0.92	0.84	35.5	17.7	06.0	6.08	358	18
0089	34.0	11.8	06.1	0.85	0.74	35.7	16.1	07.4	6.57	341	10
0090	34.0	14.2	07.4	1.04	0.94	41.2	18.7	05.6	5.78	361	15
0091	24.0	10.4	03.4	0.82	0.72	34.8	18.4	09.3	5.43	387	18
0092		09.2		0.85	0.71	34.0	16.7	10.6		434	21
0093	37.0	11.6	06.8	1.02	0.94	30.3	15.0	07.1	5.63	379	12
0094	23.0	08.0	02.4	0.81	0.71	35.8			5.10	411	23
0095	34.0	07.6	03.9	0.92	0.81	40.1	21.3	08.1	4.73	437	29
0096	26.0	11.2	03.9	0.82	0.74	35.4			5.88	370	11
0097	27.3	10.8	03.5	0.85	0.75	32.6	15.6	10.1	5.40	394	30
0098	28.0	07.0	02.7	0.84	0.75	34.1	16.4	09.3	5.48	376	15
0099	34.0	07.6	03.9	0.90	0.80	35.2	18.6	08.4	4.63	442	27
0100	31.0	10.8	04.9	0.91	0.80	37.3	15.4	05.8	6.28	347	09
0101	21.4	07.6	02.1	1.06	0.93	36.0	16.3	07.4	5.43	364	12
0102	39.0	09.4	06.0	0.81	0.73	31.2			7.15	301	09
0103	31.0	11.0	04.9	0.94	0.83	33.8	16.2	07.6	4.58	440	30
0104	33.0	08.8	04.3	0.95	0.83	31.9	13.8	06.8	4.30	458	31
0105	25.0	13.6	04.5	0.88	0.80	34.3	17.0	08.9	5.85	367	18
0106	24.0	10.8	03.4	0.90	0.79	33.6	17.8	09.1	5.20	401	14
0107	29.0	09.6	03.9	0.91	0.81	36.1	17.7	10.0	4.53	444	26
0108	38.0	11.4	07.0	0.80	0.71	35.7			6.20	339	11
0109	34.0	10.8	05.6	1.00	0.94	31.6	16.9	07.4	5.68	387	12
0110		11.2									
0111	34.1	07.4	03.8	0.86	0.70	48.5	21.4	05.6	4.28	460	25
0112	32.0	10.8	05.1	0.70	0.58	31.3			5.45	401	19
0113	33.0	09.0	04.4	0.83	0.75	33.4	18.1	11.5	5.65	395	07
0114	33.0	06.0	03.0	0.84	0.70	32.2	16.5	11.9	4.90	437	22
0115	37.0	06.8	04.0	0.90	0.81	32.6	15.7	10.5	4.55	436	15
0116	42.0	14.2	10.1	1.09	0.97	33.2	16.6	11.4	4.60	446	26
0117	34.0	07.8	04.0	0.91	0.81	37.1	15.4	06.1	5.15	401	19
0118	31.0	07.6	03.4	0.97	0.87	39.7	18.9	07.6	3.48	550	50
0119	34.0	09.6	04.9	0.85	0.74	31.8	16.1	09.2	5.20	402	25
0120	36.0	11.8	06.6	0.98	0.88	34.9	17.4	07.9	5.15	401	16
0121	28.0	12.4	04.8	0.86	0.76	34.2	17.7	10.6	5.23	394	19
0122	30.0	11.2	04.8	0.86	0.79	34.0	15.4	06.4	5.45	376	24
0123	22.0	12.4	03.5	0.92	0.84	34.1	18.2	09.2	4.53	443	24
0124	35.0	10.4	05.6	0.91	0.79	33.3	15.9	08.3	6.30	339	23
0125	25.2	09.2	03.1	0.93	0.80	40.9	19.3	08.6	5.05	390	15
0126		10.0		0.89	0.78	39.9	18.7	08.0	5.30	477	09
0127		08.0		0.92	0.77	34.4	15.5	09.2	3.28	549	29

IDENTIFICATION NUMBERS					ORIGIN	FIELD SCORES					GRAM ROLL
TEXAS	C.B.	P.I.	COLLINS	RACE							
0128	2339	165275	3538	0106	OAXACA, MEX.	03	3	4	5	0.0	
0129	2346	165282	3539	0106	OAXACA, MEX.	05	3	4	5	0.0	
0130	2360	165296	4872	0106	OAXACA, MEX.	06	4	4	4	1.5	
0131	2367	165303	3540	0106	OAXACA, MEX.	05	3	4	4	0.0	
0132	2297	165233	4873	0106	OAXACA, MEX.	06	4	4	4	0.0	
0133	2304	165240	3541	0106	OAXACA, MEX.						
0134	2319	165255	3542	0106	OAXACA, MEX.	04	3	3	5	0.0	
0136	2340	165276	3543	0106	OAXACA, MEX.	05	3	4	5	0.0	
0137	2347	165283	3544	0106	OAXACA, MEX.	04	3	4	5	0.0	
0138	2354	165290	3545	0106	OAXACA, MEX.	04	4	4	4	0.0	
0139	2361	165297	4874		OAXACA, MEX.						
0140	2143	163614	3546	0101	GUATEMALA	04	2	3	5	0.5	02.6
0141	2169	163640	3547	0103	GUATEMALA	05	3	4	1	0.0	
0142	2271	163692	3548	0101	GUATEMALA	04	3	4	4	0.0	01.8
0143	2236	163707	3549	0101	GUATEMALA	04	3	3	4	0.0	02.4
0144	2258	163729	3550	0102	GUATEMALA	03	2	2	3	0.0	01.8
0145	2310	165246	3551	0105	OAXACA, MEX.	05	3	4	4	0.0	02.0
0146	2318	165254	3552	0106	OAXACA, MEX.	05	3	3	5	0.0	
0147	2374	165310	3553	0106	OAXACA, MEX.	06	3	4	5	0.0	02.3
0148	2383	165319	3554	0101	OAXACA, MEX.	04	3	3	5	0.0	03.4
0149	2138	163609	3555		GUATEMALA	03	1	2	3	1.5	06.8
0150	2149	163620	3556		EL SALVADOR	04	3	3	4	0.0	02.8
0151	2162	163633	3557		GUATEMALA	03	2	3	3	2.5	03.2
0152	2175	163646	4875		GUATEMALA						
0153	2182	163653	3558	0101	GUATEMALA	03	2	3	4	2.5	04.4
0154	2189	163660	3559	0101	GUATEMALA	03	1	2	3	1.5	03.8
0155	2197	163688	3560	0101	GUATEMALA	04	2	3	4	0.0	04.6
0156	2207	163678	3561	0101	GUATEMALA	03	2	3	4	0.0	05.0
0157	2216	163687	3562	0101	GUATEMALA	04	2	3	4	0.5	04.4
0158	2243	163714	3563	0101	GUATEMALA	03	1	2	4	2.5	03.6
0159	2379	165315	3564	0101	OAXACA, MEX.	05	3	3	5	0.0	04.2
0160	2410	165346	3565	0101	OAXACA, MEX.	03	1	2	3	3.5	04.7
0161	2479	165365	3566	0101	GUERRERO, MEX.	03	1	1	4	3.5	06.4
0162	2144	163615	3567	0101	GUATEMALA	04	1	2	4	0.0	03.3
0163	2170	163641	3568	0102	GUATEMALA	04	3	3	3	0.0	01.1
0164	2223	163694	3569	0101	GUATEMALA	05	3	4	4	0.0	
0165	2250	163721	3570	102	GUATEMALA	05				0 0	0 7
0166	2259	163730	3571	0106	GUATEMALA	05	4	4	5		
0167	2139	163610	3572	101	GUATEMALA	04					
0168	2163	163634	3573	0101	GUATEMALA	03	1	2	3	1.5	05.0

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREAL O- METER	
						TC	T1	E1		A	D
0128		07.2									
0129		09.4		1.01	0.85	43.3	22.1	07.3	3.53	511	30
0130		07.6		0.84	0.68	32.8	15.6	10.1	3.98	473	33
0131		07.0		0.95	0.77	40.2	19.6	07.6	3.48	538	31
0132		07.8		0.97	0.80	36.6	17.9	10.5	3.68	517	39
0133		07.6		0.87	0.78	39.6	22.4	10.6	3.75	510	15
0134		06.4									
0136		06.8		0.93	0.80	43.2	20.1	07.4	3.45	515	21
0137		06.6		0.91	0.75	41.9	21.2	07.7	3.63	516	35
0138		07.2		0.98	0.83	42.9	20.5	07.3	3.55	513	32
0139				0.82	0.65	33.9			4.15	511	28
0140	35.0	07.2	03.8	1.02	0.88	38.4	17.6	07.0	3.93	490	54
0141		05.6		0.89	0.77	43.2	17.2	05.6	4.28	453	21
0142	34.6	07.6	04.0	0.93	0.80	39.4	21.8	06.9	3.33	564	67
0143	32.8	07.8	03.8	0.91	0.76	32.0	14.3	06.0	3.87	470	46
0144	38.0	05.6	03.4	0.87	0.73	30.5	14.3	09.8	4.85	419	16
0145	25.0	08.0	02.7	0.99	0.88	43.3	17.0	05.1	4.60	442	17
0146	24.0	02.3	07.2	0.96	0.78	33.7	16.1	09.2	3.53	538	36
0147	32.0	06.8	03.1	0.96	0.81	39.3	16.5	05.7	3.40	559	48
0148	33.0	07.6	03.8	0.86	0.75	36.2	15.3	06.3	4.95	427	29
0149	33.0	14.0	06.9	0.96	0.87	38.5	19.7	06.6	6.20	344	11
0150	32.0	07.0	03.3	0.99	0.88	36.1	18.5	06.6	4.40	459	36
0151	25.0	10.4	03.5	0.82	0.72	35.9			5.90	362	07
0152				0.88	0.76	35.5	16.5	09.1	5.45	414	27
0153	26.0	14.0	05.0	0.89	0.81	34.4	15.9	06.8	5.48	382	13
0154	32.0	10.0	04.7	0.83	0.75	36.3			5.58	369	13
0155	28.0	10.4	04.0	0.88	0.77	40.8	16.4	07.0	5.25	400	20
0156	30.0	12.8	05.5	0.91	0.80	36.7	17.5	09.0	6.30	351	18
0157	21.0	14.6	03.9	0.89	0.78	35.1	20.1	09.5	5.68	381	22
0158	26.0	10.4	03.7	0.90	0.77	33.4	19.0	09.6	5.38	397	18
0159	33.0	10.6	05.2	0.90	0.76	38.3	14.9	10.4	5.08	400	34
0160	37.0	09.8	05.8	0.79	0.69	29.8			4.75	442	37
0161	38.0	09.4	05.8	0.99	0.87	38.1	17.7	07.2	5.73	377	13
0162	27.0	09.6	03.6	0.70	0.60	36.9			6.10	362	07
0163	42.0	06.0	04.3	0.77	0.66	44.0			4.88	422	18
0164		10.2		0.86	0.71	42.0	18.0	06.8	3.48	524	42
0165	31.0	06.4	02.8	0.82	0.72	32.1	14.3	09.2	4.95	422	18
0166		08.0		0.83	0.70	37.0			4.13	469	18
0167	41.0	12.6	08.8	1.06	0.91	32.6	15.6	08.7	4.63	444	31
0168	28.0	11.6	04.5	0.76	0.66	33.9			5.75	370	22



IDENTIFICATION NUMBERS				RACE	ORIGIN	FIELD SCORES					GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS			03	2	3	3	2.5	
0169	2218	163689		0101	GUATEMALA	03	2	3	3	2.5	04.1
0170	2220	163691	3574	0101	GUATEMALA	03	1	2	2	2.5	04.4
0171	2360	165305	3575	0106	OAXACA, MEX.	05	3	4	5	0.0	
0172	2375	165311	3576	0106	OAXACA, MEX.	05	4	4	5	0.0	
0173	2152	163623	3577	101	GUATEMALA	04					
0174	2176	163647	3578	0101	GUATEMALA	04	2	3	4	1.5	02.9
0175	2190	163661	3579	0101	GUATEMALA	03	2	3	4	0.0	04.6
0176	2198	163669	3580	0101	GUATEMALA	03	2	2	4	0.5	04.6
0177	2209	163680	3581	0101	GUATEMALA	03	2	3	4	0.5	04.8
0178	2217	163688	3582	0101	GUATEMALA	03	2	3	4	1.5	03.6
0179	2244	163317		0101	GUATEMALA	06	3	4	4	0.0	02.9
0180	2271	163742	3583	0101	GUATEMALA	04	2	3	3	4.5	
0181	2381	165317	3584	0101	OAXACA, MEX.	05	2	3	4	0.5	03.6
0182	2397	165333	3585	0101	GUERRERO, MEX.	03	1	1	2	3.5	05.2
0183	2431	165367	3586	0101	GUERRERO, MEX.	03	2	3	2	3.5	04.2
0184	2171	163642	3587	0103	GUATEMALA	04	3	4	1	0.0	
0185	2225	163696	3588	0101	GUATEMALA	04	3	4	3	0.0	
0186	2239	163710	3589	0101	GUATEMALA	04	3	4	3	0.0	
0187	2252	163723	3590	102	GUATEMALA	05					
0188	2261	163732	3591	0101	GUATEMALA	03	2	2	3	1.5	03.4
0189	2298	165234	3592	0106	OAXACA, MEX.	04	3	4	5	0.0	
0190	2305	165241	3593	0106	OAXACA, MEX.	04	3	4	5	0.0	
0191	2312	165248	3594	0106	OAXACA, MEX.	04	3	4	5	0.0	02.0
0192	2320	165256	3595	0106	OAXACA, MEX.	05	3	4	4	0.0	01.2
0193	2355	165291		0106	OAXACA, MEX.	05	5	5	5	0.0	
0194	2368	165304	3596	0106	OAXACA, MEX.	04	3	4	5	0.0	
0195	2140	163611	3597	0101	EL SALVADOR	04	3	3	3	0.0	04.8
0196	2165	163636	3598	0101	EL SALVADOR	03	2	2	4	0.5	04.3
0197	2177	163648	3599	0101	GUATEMALA	03	2	3	3	0.0	04.7
0198	2184	163655	3600	0101	GUATEMALA	03	1	2	3	1.5	04.0
0199	2191	163662	3601	0101	GUATEMALA	03	1	2	3	1.5	03.8
0200	2199	163670	3602	0101	GUATEMALA	03	1	2	4	3.5	05.3
0201	2210	163681	3603	0101	GUATEMALA	03	2	3	3	0.0	06.0
0202	2234	163705	3604	0101	GUATEMALA	02	2	3	2	0.0	01.6
0203	2386	165322	3605	0101	OAXACA, MEX.	03	2	2	1	4.5	07.0
0204	2402	165338	3606	0101	OAXACA, MEX.	03	1	1	2	3.5	05.8
0205	2419	165355	3607	0101	GUERRERO, MEX.	04	1	2	3	3.5	04.4
0206	2432	165368	3608	0101	GUERRERO, MEX.	04	2	3	3	4.0	05.0
0207	2195	163666	3609	0101	GUATEMALA	04	3	4	4	0.0	
0208	2226	163697	3610	0101	GUATEMALA	05	3	3	4	1.5	02.6

TEXAS NO.	LINT PCT.	SEFD INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREAL O- METER	
						TO	T1	E1		A	D
0169	31.6	17.2	08.0	0.87	0.70	38.9			3.21	587	73
0170	26.0	10.8	03.8	0.91	0.78	33.3	14.7	08.8	4.40	454	35
0171		11.0		1.00	0.82	39.4	19.8	07.8	4.03	475	40
0172		08.4		0.88	0.71	40.9	17.8	07.9	4.38	445	22
0173	31.0	09.6	04.3	0.93	0.81	37.8	19.9	08.7	4.40	454	34
0174	42.0	08.0	05.8	0.90	0.78	36.6	19.1	08.5	4.03	470	36
0175	28.0	11.2	04.4	0.91	0.77	32.5	15.1	09.1	4.98	423	28
0176	29.0	12.0	04.9	0.83	0.73	33.7			5.28	398	15
0177	29.0	12.6	05.1	0.84	0.74	34.2			5.75	370	19
0178	26.0	10.4	03.7	0.88	0.77	33.1	17.4	09.3	6.00	366	11
0179	27.2	13.0	04.9	0.90	0.79	32.6	18.9	08.6	5.23	413	30
0180		13.8		1.05	0.80	30.9	13.9	09.6	3.82	520	55
0181	34.0	08.4	04.3	0.87	0.73	37.3	15.1	06.8	5.25	405	31
0182	35.0	10.4	05.6	0.83	0.74	37.5			6.13	327	11
0183	31.0	11.6	05.2	0.83	0.73	36.4			6.75	330	12
0184		06.0		0.84	0.71	44.8	19.8	06.9	4.55	452	14
0185		09.6		0.96	0.81	40.5	19.4	08.7	3.18	565	65
0186		08.4		0.98	0.82	41.2	19.0	07.6	2.93	598	92
0187	34.0	05.6	02.9	0.88	0.76	31.1	15.1	09.7	5.35	398	15
0188	31.0	09.0	04.0	0.91	0.77	35.2	16.4	08.9	4.28	459	45
0189		08.0		0.82	0.70	39.7			4.45	444	17
0190		08.4		1.02	0.84	36.4	19.7	09.5	3.63	517	36
0191	21.0	11.2	03.0	0.89	0.75	39.4	19.4	09.7	3.73	522	44
0192	20.0	10.0	02.6	0.95	0.79	36.9	19.7	09.7	3.50	533	50
0193		09.8		1.01	0.84	36.4	18.4	09.5		451	28
0194		10.0		0.93	0.74	40.5	20.6	08.7	4.43	454	28
0195	29.0	12.0	04.8	0.87	0.76	40.2	15.2	07.8	5.25	400	15
0196	33.0	12.0	05.9	0.83	0.72	33.5			6.28	357	16
0197	31.0	12.2	05.5	0.95	0.83	32.8	15.8	08.7	6.38	345	17
0198	26.0	11.6	04.1	0.89	0.78	32.4	17.7	09.4	6.08	358	21
0199	25.0	12.8	04.3	0.84	0.75	34.2	16.7	09.4	5.50	390	25
0200	30.0	11.8	05.1	0.83	0.72	35.2			5.30	408	31
0201	30.0	14.4	06.2	0.89	0.78	32.7	16.5	09.5	5.83	378	29
0202	24.0	07.2	01.6	0.84	0.70	35.0	16.6	09.3	4.70	434	35
0203	36.0	12.4	07.0	0.86	0.73	33.1	14.5	07.2	6.73	314	02
0204	36.0	11.0	06.2	0.85	0.74	34.1			6.50	334	13
0205	33.0	10.0	04.9	0.85	0.72	33.6			4.65	436	46
0206	35.0	11.6	06.2	0.80	0.71	34.5			5.95	357	18
0207		08.8		0.89	0.78	40.7	21.3	06.3	3.40	545	59
0208	41.0	08.4	05.8	0.89	0.79	35.3	18.4	07.2	4.28	460	39

IDENTIFICATION NUMBERS					ORIGIN	FIELD SCORES					GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS	RACE							
0209	2240	163711	3611	0101	GUATEMALA	05	3	3	2	1.5	
0210	2253	163724	3612	0106	GUATEMALA	04	3	4	4	0.0	
0211	2349	165285	3613	0106	OAXACA, MEX.	05	4	4	4	0.0	
0212	2377	165313	3614	0101	OAXACA, MEX.	04	3	3	4	0.5	03.7
0213	2142	163613	3615	0101	EL SALVADOR	04	3	3	4	0.0	02.6
0214	2155	163626	3616	0101	EL SALVADOR	03	1	2	4	1.5	05.0
0215	2166	163637	3617	0101	EL SALVADOR	04	2	2	4	0.5	05.0
0216	2178	163649	3618	0101	EL SALVADOR	04	2	2	4	0.0	05.4
0217	2185	163656	3619	0101	GUATEMALA	02	2	2	3	1.5	02.9
0218	2192	163663	3620	0101	GUATEMALA	03	2	2	4	3.5	04.2
0219	2200	163671	3621	0101	GUATEMALA	03	1	2	4	3.5	04.4
0220	2212	163683	3622	0101	GUATEMALA	03	1	1	4	3.5	05.0
0221	2235	163706	3623	0101	GUATEMALA	03	1	1	4	3.5	03.0
0222	2260	163731	3624	0101	GUATEMALA	04	3	3	4	1.5	04.1
0223	2273	163744	3625	0101	GUATEMALA	05	2	3	4	0.0	
0224	2387	165323	3626	0101	OAXACA, MEX.	03	2	3	3	2.5	05.8
0225	2421	165357	3627	0101	GUERRERO, MEX.	03	2	3	2	3.5	04.9
0226	2433	165369	3628	0101	GUERRERO, MEX.	02	2	2	2	4.5	05.4
0227	2151	163622	3629	0101	EL SALVADOR	04	2	3	5	0.0	02.9
0228	2201	163672	3630	0101	GUATEMALA	03	2	3	4	1.5	03.3
0229	2227	163698	3631	0101	GUATEMALA	05	3	4	4	0.0	
0230	2245	163716	4876	0102	GUATEMALA	04	3	4	3	0.0	
0231	2254	163725	4877	0102	GUATEMALA	04	3	4	3	0.0	
0232	2378	165314	3632	0101	OAXACA, MEX.	05	3	3	5	0.5	
0233	2146	163617	3633	0101	GUATEMALA	05	3	3	4	1.5	02.8
0234	2156	163627	3634	0101	EL SALVADOR	03	2	3	4	0.0	06.2
0235	2167	163638	3635	0101	EL SALVADOR	03	1	3	3	0.0	04.4
0236	2179	163650	3636	0101	GUATEMALA	04	1	2	4	0.5	04.2
0237	2186	163657	3637	0101	GUATEMALA	05	2	3	4	0.0	02.8
0238	2203	163674	3638	0101	GUATEMALA	03	3	3	4	0.0	04.2
0239	2222	163693	3639	0101	GUATEMALA	04	2	3	3	4.5	04.5
0240	2237	163708	3640	0101	GUATEMALA	04	2	3	3	1.5	03.3
0241	2262	163733	3641	0101	GUATEMALA	05	3	3	4	1.5	
0242	2136	163607	3642	0101	GUATEMALA	04	2	3	4	0.5	05.8
0243	2388	165324	3643	0101	OAXACA, MEX.	03	2	2	3	3.5	06.1
0244	2405	165341	3644	0101	OAXACA, MEX.	03	1	1	1	4.5	06.6
0245	2422	165358	4878	0101	GUERRERO, MEX.	03	1	2	3	3.5	05.9
0246	2459	165395	3646	0103	GUERRERO, MEX.	05	3	3	1	0.0	02.8
0247	2160	163631	3647	0101	GUATEMALA	05	2	3	3	0.5	03.2
0248	2202	163673	3648	0101	GUATEMALA	03	2	3	3	0.5	03.4

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0209		09.6		1.03	0.82	39.9	22.4	06.3	2.78	637	83
0210		10.6		0.92	0.75	38.8	18.5	07.0	4.05	490	31
0211		06.4		0.94	0.70	40.3	20.3	06.8	2.80	635	69
0212	35.0	07.6	04.1	0.86	0.71	35.3			4.78	430	30
0213	32.0	07.6	03.5	0.96	0.83	35.5	18.8	07.3	4.00	502	49
0214	32.0	09.6	04.5	0.83	0.73	36.5			5.30	396	20
0215	40.0	11.6	07.7	0.80	0.68	34.7			6.33	340	11
0216	33.0	11.2	05.5	0.91	0.83	33.1	16.9	09.1	6.80	316	13
0217	28.0	10.6	04.1	0.94	0.84	35.5	17.5	08.2	4.18	370	17
0218	26.0	11.0	03.9	0.86	0.77	35.6			5.98	358	16
0219	29.0	11.4	04.7	0.85	0.75	34.4	18.6	10.0	5.18	412	19
0220	30.0	10.8	04.6	0.81	0.71	34.7			5.35	385	18
0221	26.0	10.6	03.7	0.88	0.77	34.2	18.4	08.0	5.65	388	13
0222	30.0	10.6	04.5	0.96	0.82	35.4	19.7	07.1	4.15	473	29
0223	23.0	03.7	10.6	0.85	0.75	38.1			5.10	404	20
0224	33.0	14.8	07.4	0.84	0.74	35.3	15.9	06.0	6.03	353	12
0225	35.0	11.6	06.2	0.94	0.85	29.6	18.0	10.0	5.58	390	21
0226	36.0	09.0	05.1	0.90	0.82	36.5	18.7	08.7	5.18	405	30
0227	42.0	07.4	05.5	0.93	0.82	37.0	19.9	07.5	4.48	467	43
0228	32.0	08.8	04.1	0.90	0.80	34.4	18.6	08.2	5.35	389	20
0229	36.0	09.2		0.98	0.83	41.2	21.6	06.7	3.70	509	53
0230		06.0		0.92	0.78	36.2	19.4	09.2	4.30	466	25
0231		04.8		0.88	0.73	33.8	17.2	09.5	4.30	470	22
0232		07.6		0.87	0.69	39.3	15.5	06.7	4.68	431	33
0233	38.0	07.8	04.7	0.91	0.79	35.3	17.4	08.5	4.65	445	34
0234	36.0	13.0	07.3	0.95	0.82	31.4	15.1	07.9	6.30	341	10
0235	33.0	10.2	05.0	0.76	0.65	31.8			6.30	345	12
0236	25.0	12.2	04.1	0.88	0.74	32.8	15.4	09.1	5.63	376	27
0237	28.0	10.2	04.0	0.80	0.65	31.3			5.65	388	24
0238	33.0	09.4	04.6	0.92	0.80	31.0	15.7	07.6	4.90	419	31
0239	32.0	12.0	05.6	0.96	0.84	34.1	16.9	07.8	5.20	414	21
0240	29.0	10.0	04.1	0.92	0.81	34.4	17.3	07.6	5.05	405	14
0241		13.8		0.97	0.84	35.4	19.9	08.8	3.95	492	37
0242	38.0	12.6	07.7	0.93	0.82	40.0	22.7	09.7	5.75	371	16
0243	42.0	08.6	06.2	0.80	0.70	36.2			6.80	323	13
0244	37.0	12.4	07.3	1.05	0.96	34.3	17.9	08.2	4.88	425	28
0245	40.0	12.2	08.1	0.78	0.66	28.7			7.08	310	06
0246	25.0	10.6	03.5	0.96	0.81	36.9	15.6	06.0	4.08	490	35
0247	26.0	10.1	03.5	0.87	0.77	40.5			5.35	393	16
0248	23.0	10.4	03.0	0.97	0.84	34.1	19.9	08.5	3.95	488	34

IDENTIFICATION NUMBERS					ORIGIN	FIELD SCORES					GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS	RACE							
0249	2229	163700	3649	0101	GUATEMALA	05	3	4	4	0.5	
0250	2246	163717	3650	0101	GUATEMALA	03	2	3	4	0.5	03.0
0251	2255	163726	3651	0102	GUATEMALA	03	2	3	3	0.0	01.8
0252	2372	165308	3652	0101	OAXACA, MEX.	05	4	4	1	0.0	02.0
0253	2380	165316	3653	0101	OAXACA, MEX.	05	3	3	4	0.0	03.2
0254	2295	165231	3654	0106	OAXACA, MEX.	05	4	4	4	0.0	
0255	2302	165238	3655	0106	OAXACA, MEX.	05	4	4	5	0.0	
0256	2309	165245	3656	0105	OAXACA, MEX.	07	3	4	2	0.0	
0257	2317	165253	3657	0106	OAXACA, MEX.	05	3	4	5	0.0	
0258	2324	165260	3658	0101	OAXACA, MEX.	05	3	3	4	0.5	
0259	2331	165267	3659	106	OAXACA, MEX.	04					
0260	2338	165274	3660	0106	OAXACA, MEX.	04	3	4	4	0.0	
0261	2345	165281	3661	0106	OAXACA, MEX.	04	3	3	4	0.0	
0262	2352	165288		0106	OAXACA, MEX.	03	5	5	3	0.0	
0263	2359	165295	3662	0101	OAXACA, MEX.	05	4	4	1	0.0	
0264	2366	165302	3663	0106	OAXACA, MEX.	04	3	4	5	0.0	
0265	2373	165309	3664	0106	OAXACA, MEX.	03	3	4	4	0.0	01.6
0266	2296	165232	3665	0106	OAXACA, MEX.	05	3	3	5	0.0	01.4
0267	2327	165263	3666		OAXACA, MEX.	06	3	4	5	0.0	
0268	2334	165270	3667	0106	OAXACA, MEX.	06	3	4	3	0.0	
0269	2341	165277		0106	OAXACA, MEX.	06	3	4	3		
0271	2362	165298	4879	0101	OAXACA, MEX.	06	4	4	1	0.0	
0272	2376	165312	3668	0106	OAXACA, MEX.	07	3	4	5	0.0	
0273	2399	165335	4880		GUERRERO, MEX.						
0275	2423	165359	4881		GUERRERO, MEX.						
0276	2306	165242	4882		OAXACA, MEX.						
0277	2313	165249	3669	0106	OAXACA, MEX.	04	3	4	3	0.0	
0278	2328	165264	3670	106	OAXACA, MEX.	0					
0279	2342	165278		0106	OAXACA, MEX.	05	5	5	3	0.0	02.0
0280	2356	165292	4883	0106	OAXACA, MEX.	06	4	4	5	0.0	
0281	2363	165299	3671	0105	OAXACA, MEX.	07	4	4	2	0.0	02.4
0282	2370	165306	3672	0106	OAXACA, MEX.	04	4	4	3	0.0	
0283	2300	165236	3673	0106	OAXACA, MEX.	05	3	4	3	0.0	
0284	2307	165243	3674	0106	OAXACA, MEX.	06	3	4	5	0.0	
0285	2315	165251	3675	0106	OAXACA, MEX.	03	3	4	5	0.0	01.0
0286	2329	165265	3676	0106	OAXACA, MEX.	04	3	4	3	0.0	01.5
0289	2350	165286	4884		OAXACA, MEX.						
0290	2357	165293	4885		OAXACA, MEX.						
0291	2364	165300			OAXACA, MEX.						
0292	2294	165230		0106	OAXACA, MEX.	04	5	5	5	0.0	

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0249		09.8		0.91	0.78	36.6	18.5	07.7	3.75	512	50
0250	33.0	08.8	04.3	0.85	0.74	32.7	14.4	08.5	5.05	417	30
0251	31.0	07.6	03.5	0.90	0.78	30.0	16.1	09.7	4.68	444	20
0252	31.5	07.6	03.5	0.96	0.84	44.6	24.2	06.0	4.43	453	14
0253	34.0	09.6	04.9	0.88	0.74	37.2	15.7	05.6	4.88	415	28
0254		09.2		0.93	0.75	43.5	24.3	07.4	3.88	498	22
0255		10.8		0.79	0.68	37.0				375	06
0256		10.8		0.91	0.77	43.6	20.9	06.4	5.15	410	17
0257		09.0		0.75	0.61	34.4			5.13	406	28
0258		08.8		0.92	0.79	47.3	23.8	04.8	4.30	453	21
0259		08.0		0.90	0.74	36.2	17.4	08.9	3.23	530	43
0260		10.4		0.90	0.75	39.8	16.6	07.4	4.85	422	
0261		06.6		0.62	0.54	34.8			4.60	421	29
0262		06.4		0.99	0.81	42.7	23.0	07.6		549	37
0263		07.6		1.07	0.97	45.6	23.6	06.9	3.70	519	31
0264		08.0		0.74	0.65	47.4			4.75	425	07
0265	22.0	09.6	02.7	0.75	0.61	40.4			5.00	409	08
0266	26.0	08.4	03.0	0.76	0.67	40.6			4.95	410	07
0267		08.6		0.79	0.66	42.0			4.90	403	00
0268		08.6		0.90	0.76	31.7	18.0	12.8	3.40	557	45
0269											
0271		06.8		1.08	0.94	41.4	24.1	08.1	3.30	564	29
0272		09.0		0.98	0.78	42.0	20.2	06.7	4.83	411	05
0273				0.80	0.67	37.4				466	08
0275				0.98	0.82	38.4	17.0	09.4		436	10
0276				0.87	0.68	38.5	16.4	09.7	3.67	551	29
0277		08.0		0.85	0.70	39.2	15.9	08.7	3.15	576	46
0278		09.2		0.92	0.76	38.6	16.2	09.6	3.25	565	42
0279	20.9	07.6	02.0	1.00	0.84	44.2	23.7	07.5	3.58	508	32
0280				0.98	0.77	37.1	19.5	08.6		548	50
0281	24.2	09.2	02.9	0.97	0.80	40.5	17.3	07.5	4.30	447	13
0282		09.0		0.94	0.78	41.3	20.0	07.7	3.48	526	30
0283		08.6		1.00	0.81	48.1	20.8	06.8	3.55	530	20
0284		09.8		0.99	0.84	40.2	18.5	06.8	4.40	441	20
0285	28.0	07.6	02.9	0.89	0.73	43.5	17.0	06.7	3.63	528	32
0286	32.0	08.0	03.8	0.95	0.77	39.2	19.8	09.4	3.18	512	35
0289				0.95	0.80	41.6	19.6	08.1		503	35
0290				0.84	0.71	38.0	16.0	10.1	4.48	474	36
0291											
0292											

IDENTIFICATION NUMBERS							FIELD SCORES					GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS	RACE	ORIGIN							
0293	2331	165237	3677	0106	OAXACA, MEX.	07	3	4	4	0.0	01.6	
0294	2308	165244	3678	0101	OAXACA, MEX.	04	2	3	2	4.5	07.6	
0295	2316	165252	3679	0106	OAXACA, MEX.	06	3	4	5	0.0		
0296	2330	165266		0106	OAXACA, MEX.	06	5	5	4			
0297	2337	165273	4886	0106	OAXACA, MEX.	04	3	4	5	0.0		
0298	2344	165280	3680	0106	OAXACA, MEX.	05	4	4	4			
0299	2351	165287		0106	OAXACA, MEX.	06	5	5	3			
0300	2358	165294		0106	OAXACA, MEX.	05	5	5	4			
0301	2365	165301	3681	0106	OAXACA, MEX.	06	4	4	3	0.0		
0302	2407	165343	4887		OAXACA, MEX.							
0303	2416	165352	3682	104	OAXACA, MEX.	06	3	4		0 0 0		
0304	2430	165366	4888		GUERRERO, MEX.							
0305	2440	165376	3683		GUERRERO, MEX.						08.0	
0306	2447	165383	3684		GUERRERO, MEX.							
0307	2454	165390	4889		GUERRERO, MEX.							
0308	2394	165330	3685		GUERRERO, MEX.						01.2	
0309	2408	165344	3686		OAXACA, MEX.						01.3	
0310	2418	165354	3687		GUERRERO, MEX.						02.6	
0311	2434	165370	3688		GUERRERO, MEX.						01.6	
0312	2441	165377	3689		GUERRERO, MEX.						01.0	
0313	2448	165384	3690		GUERRERO, MEX.						01.7	
0314	2455	165391	3691		GUERRERO,						01.0	
0315	2398	165334	3692		GUERRERO, MEX.							
0316	2411	165347	3693		OAXACA, MEX.						01.0	
0318	2435	165371	3694		GUERRERO, MEX.						01.2	
0320	2449	165385	3695		GUERRERO, MEX.						01.2	
0321	2456	165392	4890		GUERRERO, MEX.							
0322	2436	165372	4891		GUERRERO, MEX.							
0323	2443	165379	3696		GUERRERO, MEX.						01.0	
0324	2450	165386	3697		GUERRERO, MEX.						01.4	
0325	2457	165393	3698		GUERRERO, MEX.						01.2	
0326	2390	165326	3699		GUERRERO, MEX.						01.2	
0327	2400	165336	3700		GUERRERO, MEX.						01.1	
0328	2413	165349	4892		OAXACA, MEX.					1.5		
0329	2424	165360	4893		GUERRERO, MEX.							
0330	2437	165373	3701		GUERRERO, MEX.						01.4	
0331	2444	165380	4894		GUERRERO, MEX.							
0332	2451	165387	4895		GUERRERO, MEX.							
0333	2458	165394	4896		GUERRERO, MEX.							
0334	2371	165307	3702		OAXACA, MEX.						01.2	

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						T0	T1	E1		A	D
0293	31.0	08.6	03.9	0.76	0.66	35.0			4.60	441	19
0294	35.0	13.6	07.3	1.18	0.96	45.7	20.7	05.8	4.45	438	14
0295		08.8		0.77	0.64	36.1			4.23	462	24
0296											
0297		08.4		0.84	0.69	36.7	14.7	08.0	4.05	477	19
0298		07.6		0.77	0.66	40.0			4.85	416	10
0299											
0300											
0301		07.6		0.81	0.69	43.8			4.30	440	12
0302				0.98	0.79	39.8	19.9	09.8	4.43	472	11
0303	21.0	09.6	02.6	0.89	0.74	38.0	19.8	09.3	3.73	481	14
0304				0.89	0.74	38.4	16.6	07.7	5.00	428	09
0305	28.0	07.0	02.7	0.84	0.67	43.4	15.7	08.7	2.93	615	65
0306	31.0	08.0	03.6	0.90	0.74	41.9	19.2	08.4	4.05	469	20
0307				0.90	0.77	39.7	17.5	08.2		449	12
0308	25.0	07.6	02.6	0.90	0.78	41.7	19.2	08.5	4.28	452	13
0309	23.0	07.6	02.2	0.92	0.77	39.5	17.4	08.9	3.83	500	25
0310	32.6	11.6	05.6	0.88	0.71	41.6	17.2	07.8	3.88	503	31
0311	26.0	08.0	02.8	0.90	0.73	41.6	19.2	08.7	3.10	583	39
0312	28.0	07.2	02.9	0.87	0.73	42.6	17.7	07.5	4.05	465	14
0313	28.0	07.4	02.9	0.88	0.74	40.4	18.0	09.0	3.95	485	20
0314	25.0	06.8	02.3	0.89	0.75	42.2	17.6	08.1	3.95	482	21
0315		06.0		0.81	0.70	39.9			3.98	474	15
0316	31.0	07.2	03.3	0.86	0.73	40.2	17.4	08.7	3.73	516	29
0318	34.0	06.8	03.6	0.88	0.73	40.1	18.0	08.6	4.08	475	16
0320	32.0	07.4		0.90	0.72	39.8	17.7	08.7	4.03	479	21
0321				0.92	0.77	39.4	17.8	08.3	4.83	450	08
0322				0.92	0.78	40.0	17.2	07.9	5.08	426	06
0323	32.0	07.6	03.6	0.92	0.74	40.2	16.0	09.3	4.13	479	16
0324	34.0	08.4	04.3	0.89	0.72	39.2	17.0	09.2	4.33	456	14
0325	29.0	08.2	03.3	0.92	0.71	39.6	17.0	08.3	4.38	471	15
0326	29.0	07.4	03.0	0.87	0.69	41.4	17.8	08.7	4.08	484	22
0327	28.0	07.4	02.9	0.90	0.70	42.1	17.5	09.1	3.65	531	30
0328				1.05	0.80	42.4	20.0	08.0	4.43	473	09
0329				0.93	0.79	37.9	18.1	09.1	4.70	454	16
0330	32.0	07.6	03.7	0.91	0.70	41.7	18.2	08.6	3.78	499	32
0331				0.92	0.78	38.6	17.1	08.8	4.85	442	11
0332				0.87	0.74	40.8	18.4	08.7	4.65	461	07
0333				0.89	0.75	39.2	16.5	08.0	4.83	445	09
0334	26.0	07.2	02.5	1.13	0.94	47.0	23.6	07.6	3.85	500	17



IDENTIFICATION NUMBERS				RACE	ORIGIN	FIELD SCORES					GRAM BOLL	
TEXAS	C.B.	P.I.	COLLINS			04	4	4	1	0.0		
0335	2391	165327	3703		GUERRERO, MEX.						01.2	
0336	2401	165337	3704		GUERRERO, MEX.							
0337	2414	165350	4897		OAXACA, MEX.							
0338	2425	165361	4898		GUERRERO, MEX.							
0339	2438	165374	4899		GUERRERO, MEX.							
0340	2445	165381	3705		GUERRERO, MEX.						01.2	
0341	2452	165388	3706		GUERRERO, MEX.						01.4	
0342	2392	165328	4900		GUERRERO, MEX.							
0344	2415	165351	4902		OAXACA, MEX.							
0345	2439	165375	3707		GUERRERO, MEX.						01.2	
0346	2446	165382	3708		GUERRERO, MEX.						01.0	
0347	2453	165389			GUERRERO, MEX.						00.9	
0367	2276	163747		0103	GUATEMALA	04	4	4				
0368	2224	163695	3709	0103	GUATEMALA	06	3	4	1	0.0		
0369	2275	163746		0103	GUATEMALA	04	4	4				
0370	2279	163750	3710	0103	GUATEMALA	07	3	3	2			
0371	2133	163604	3711	0103	GUATEMALA	07	3	3	2	0.0	01.2	
0372	2280	163751	3712	0103	GUATEMALA	06	3	3	2	0.0		
0373	2460	165100	3713	0103	MORELOS, MEX.	06	4	4	4	0.0	02.2	
0375	2463	162895	3714	0101	PARAGUAY	03	1	1	3	4.5	07.4	
0376	2135	163606	3715	0103	GUATEMALA	06	3	3	2			
0377	2384	165320	3716	0101	OAXACA, MEX.	05	3	1	4	0.5	04.1	
0378	2385	165321	3717	0101	OAXACA, MEX.	04	2	2	5	0.0	04.4	
0379	2132	165603		0106	GUATEMALA	03	4	4				
0380	2464	163012	3718	0103	EL SALVADOR	04	4	4	2	0.0		
0384											08.6	
0396					HOPI M34-6-2-5					4.5	03.5	
0397					HOPI M5-4-13-1					5.0	03.6	
0399			3719		HOPI M6-14-1-3					4.5	02.1	
0400					HOPI M6-3-5-7					5.0	02.2	
0401					HOPI N.MEX.-2					5.0	03.7	
0404					HOPI N.MEX.1239					5.0	04.7	
0406					HOPI M6-14-10-2					4.5	02.3	
0408			3720		HOPI SAC.AB-4					4.5	01.5	
0409			3721		HOPI SACATON					4.5	03.0	
0419					MISSDEL						09.6	
0420					HALF AND HALF							
0458	2333	165269	3722	0106	OAXACA, MEX.	07	4	4	3	0.0		
0460	1758	154009			OAXACA, MEX.					3.5	03.9	
0461	1761	154012	3723	0105	OAXACA, MEX.	08	3	3	2	0.0		

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0335	27.0	07.2	02.7	0.82	0.72	41.6			4.30	452	17
0336		07.0		0.87	0.70	32.2	15.5	09.7	3.53	534	28
0337				0.87	0.73	39.2	17.5	08.5	4.85	444	09
0338				1.17	0.98	38.9	19.9	08.4	3.82	539	28
0339				0.92	0.77	40.2	18.3	08.4	4.93	431	08
0340	33.0	07.8	03.9	0.88	0.70	42.2	17.3	08.8	3.95	494	26
0341	26.0	07.2	02.5	0.87	0.74	41.4	17.9	08.7	3.73	491	20
0342				0.94	0.79	39.1	18.2	09.8	4.63	460	20
0344				0.91	0.77	38.1	18.2	09.1	4.70	451	08
0345	30.0	07.8	03.3	0.89	0.74	39.4	17.2	08.7	4.05	488	20
0346	29.0	06.4	02.6	0.86	0.69	40.6	17.2	08.2	3.43	558	26
0347	22.7	07.2	02.1	0.85	0.70	37.9	16.2	08.8	3.63	503	24
0367											
0368		04.8		0.78	0.62	36.4			3.95	493	33
0369											
0370	25.6	05.0	01.7	0.87	0.68	38.9	21.5	07.1	3.58	532	23
0371		05.0		0.81	0.64	38.9			3.40	549	42
0372		05.0		0.83	0.65	39.8	17.8	07.0	3.80	515	35
0373	27.2	07.2	02.7	1.02	0.73	41.6	18.2	05.8	3.58	539	35
0375	31.0	12.6	05.7	0.93	0.78	36.3	14.8	06.3	5.58	379	20
0376	30.0	06.0	04.7	0.82	0.64	41.2			3.60	532	29
0377		11.0		0.92	0.77	38.8	16.0	05.9	5.23	405	30
0378		08.0		0.91	0.76	36.6	14.6	05.3	4.80	425	26
0379											
0380		07.8		0.82	0.65	42.9			5.40	388	12
0384	35.0	14.8	08.1	1.11	0.91	38.5	18.5	06.2	4.37	459	24
0396	29.7	09.2	03.9	0.94	0.83	37.4	20.4	09.5	4.25	477	40
0397	31.8	11.0	05.1	0.99	0.88	36.5	20.1	09.8	3.80	490	41
0399	19.0	07.8	01.8	0.90	0.77	32.7	17.9	07.6	3.95	512	53
0400	32.4	09.6	04.6	0.88	0.78	37.8	20.1	09.0	4.60	446	32
0401	37.8	09.4	05.7	0.91	0.80	35.3	19.4	09.0	4.37	448	32
0404	38.0	11.2	06.9	0.89	0.77	40.4	14.3	05.7	4.10	476	50
0406	34.7	09.4	05.0	0.97	0.85	35.4	20.2	09.9	4.20	463	38
0408	18.0	08.0	01.7	0.80	0.67	32.4			5.43	401	18
0409	33.0	08.6	04.2	0.86	0.74	32.1	14.6	08.1	4.10	481	44
0419	43.0	12.2	09.2	0.89	0.75	32.6	15.4	08.1	6.03	380	24
0420	44.0	13.0	10.2	0.83	0.70	35.6			6.20	372	17
0458		07.6		0.86	0.68	37.6	01.8	08.5	4.53	462	23
0460	26.6	13.4	04.9	1.04	0.89	42.6	18.0	06.2	4.55	437	31
0461		11.8		1.07	0.81	34.5	15.3	07.3	3.28	578	60

IDENTIFICATION NUMBERS					RACE	ORIGIN	FIELD SCORES					GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS									
0462	1763	154014	3724	0105	DAXACA, MEX.	05	3	4	1	0.0		
0463	1764	154015	3725	0105		04	3	3	1	0.0	04.0	
0464	1766	154017									03.0	
0465	1774	154026	3726	0101		05	3	3	1	0.5	03.2	
0466	1780	154031	3727	0101		04	3	2	3	0.5	03.1	
0467	1791	154042	3728		CHIAPAS, MEX.						04.4	
0469	1825	154075	3729	0101		04	3	2	1	0.5	04.2	
0473	1930	158509	3730	0102	GUATEMALA	03	3	4	3	0.0		
0475	1934	158513			GUATEMALA						02.2	
0477	1936	158515			GUATEMALA						02.0	
0478	1938	158517			GUATEMALA						02.7	
0479	1942	158521			GUATEMALA						02.4	
0480	1944	158523	3731	0102	YUCATAN, MEX.	03	3	4	3	0.0		
0481	1948	158527	3732	0102	YUCATAN, MEX.	04	3	3	3	0.0		
0482	1949	158529	3733	0101	YUCATAN, MEX.	03	4	4	3			
0485	1959	158538		0101	YUCATAN, MEX.	03	4	4	3			
0487	1965	158544	3734	0102	YUCATAN, MEX.	04	3	2	2	0.0	02.0	
0488	1968	158547	3735	0102	YUCATAN, MEX.	04	3	3	3	2.5	02.9	
0489	1971	15855	3736	0101	YUCATAN, MEX.	03	3	3	3	0.0		
0490	1974	158553	3737	0101	YUCATAN, MEX.	04	3	3	3	0.0		
0491	1978	158557	3738	0102	YUCATAN, MEX.	03	3	3	3	0.0		
0492	1981	15856	3739	0101	YUCATAN, MEX.	03	3	3	3	0.0		
0493	1984	158563		0101	YUCATAN, MEX.	02	4	4	3	0.0	02.1	
0495	1997	158576	3740	0102		04	2	2	3	0.0	01.9	
0496	1998	158577			CHIAPAS, MEX.						01.3	
0497	2000	158579	3741	0101	CHIAPAS, MEX.	04	3	3	3	0.0		
0498	2007	158154			RUSSIA						07.2	
0499	2895	209304	3742	0101	YUCATAN, MEX.	03	3	4	1	0.0		
0500	2896	209325		0101	YUCATAN, MEX.	06	3	4	1			
0502	1728	153978			GUATEMALA						03.4	
0503	1848	154098	3743	0101	MEXICO	04	2	2	3	3.5	05.9	
0529			3744			07	4	4	4	0.0		
0540											01.4	
0595			4903							1.5		
0596			4904							1.5		
0597			4905									
0600			4906									
0601			4907									
0602			4908									
0604			4909		PUEBLO, MEX.							

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0462		09.0		1.06	0.82	32.7	14.0	06.0	4.10	485	37
0463	30.0	10.4	04.5	1.03	0.81	35.2	16.3	05.5	4.05	484	35
0464	25.5	13.2	04.6	0.93	0.83	48.3	21.8		5.80	365	24
0465	26.0	13.8	04.8	1.00	0.88	37.6	22.1	07.4	5.40	392	13
0466	22.0	11.8	03.4	0.89	0.77	36.1	18.2	07.7	6.23	355	09
0467	23.0	14.4	04.4	0.96	0.83	43.4	20.8	05.2	6.08	349	07
0469	25.0	14.0	04.7	0.95	0.83	40.6	19.1	06.6	6.05	357	14
0473		06.4		0.99	0.84	39.9	15.5	06.5	4.95	421	20
0475	14.7	07.6	01.3	0.99	0.85	39.1	16.0	06.0	4.55	343	37
0477	25.3	07.2	02.4	0.92	0.82	40.8	17.9	08.0	4.63	443	28
0478	28.3	07.4	02.9	0.97	0.85	38.8	15.9	06.3	4.20	478	51
0479	25.4	07.4	02.5	0.99	0.87	40.7	21.2	09.1	4.48	455	29
0480	08.8			0.84	0.63	33.9			4.40	459	29
0481		07.2		0.86	0.74	35.5	14.7	06.8	5.13	395	11
0482		06.8		0.79	0.60	32.9			4.83	436	23
0485											
0487	46.0	05.7	04.8	0.87	0.75	39.0	17.0	06.8	4.60	454	14
0488	29.7	08.0	03.4	0.82	0.68	35.8			5.45	387	06
0489		07.4		0.76	0.58	34.3			5.73	371	14
0490		05.6		0.79	0.65	32.3			5.30	396	15
0491		06.6		0.78	0.61	33.2			4.70	427	25
0492		07.0		0.78	0.60	33.6			4.98	422	26
0493	37.0	05.6	02.6	0.84	0.72	40.2	19.6	06.8	6.00	360	03
0495	51.0	05.0	05.3	0.80	0.67	33.6			5.25	397	06
0496	24.0	05.4	01.7	1.05	0.83	42.5	22.0	05.5	4.86	415	16
0497		04.4									
0498	38.0	12.0	07.4	0.92	0.77	32.1	14.7	08.4	5.38	397	18
0499		07.0		0.91	0.71	41.3	16.9	04.8	4.75	426	10
0500											
0502	37.9	12.0	07.3	1.17	0.95	48.6	24.4	03.9	5.48	391	18
0503	34.0	11.2	05.8	0.96	0.83	33.4	15.3	06.3	5.88	356	14
0529		07.6		0.94	0.69	38.1	15.5	05.6	3.63	525	36
0540	29.2	13.0	05.4	1.15	0.96	43.4	19.2	06.0	3.03	573	75
0595				1.04	0.91	40.1	19.8	07.7	5.33	423	21
0596				0.96	0.83	43.2	18.1	06.7	6.17	371	11
0597				0.83	0.71	38.7	18.3	08.1	5.33	422	12
0600				0.94	0.79	41.2	18.5	08.6	4.60	458	22
0601				0.94	0.78	43.0	17.3	07.1	3.59	559	32
0602				0.95	0.76	39.7	19.1	07.7	3.90	527	32
0604				1.02	0.85	45.5	22.4	06.8	4.18	503	17

IDENTIFICATION NUMBERS				RACE	ORIGIN	FIELD SCORES	GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS				
0605			4910				
0606			4911				
0607			4912				
0608							
0609			4913				
0610			4914			1.5	
0611			4915			3.5	
0612			4916			3.5	
0613					MARQUESAS IS.		01.2
0615			4917				
0616			4918			3.5	
0619	1807		4919			3.5	
0620	1811		4920			2.5	
0621	1819		4921				
0622	1828		4922			4.5	
0623	1836		4923			3.5	
0624	1854		4924			4.5	
0625							03.5
0627	1873		4925		GUATEMALA	1.5	
0628	1874		4926		GUATEMALA		
0633	1879		4927		GUATEMALA		
0634	1880		4928		GUATEMALA	1.0	
0635	1881		4929		GUATEMALA	1.0	
0636	1882		4930		GUATEMALA	1.5	
0637	1883		4931		GUATEMALA		
0638	1903		4932		GUATEMALA		
0639	1904		4933		GUATEMALA		
0640	1905		4934		GUATEMALA		
0641	1906		4935		GUATEMALA	1.0	
0642	1907		4936		GUATEMALA		
0643	1908		4937		GUATEMALA		
0644	1909		4938		GUATEMALA	1.5	
0645	1910		4939		GUATEMALA	1.5	
0646	1911		4940		GUATEMALA	1.0	
0647	1912		4941		GUATEMALA		
0649	1915		4942		GUATEMALA		
0650	1916		4943		GUATEMALA		
0654	1925		4944		GUATEMALA		
0655							01.8
0656	1927		4945		GUATEMALA		

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						T0	T1	E1		A	D
0605				0.92	0.78	40.1	20.2	08.1		512	32
0606				0.89	0.74	36.5	17.6	08.8	3.69	544	47
0607				0.71	0.59	35.7			5.28	414	14
0608		04.8									
0609				1.00	0.85	37.8	18.6	07.5	6.02	380	10
0610				0.87	0.73	33.8	14.1	07.3	4.96	448	32
0611				0.95	0.83	40.1	17.2	06.7	5.88	384	15
0612				0.86	0.71	39.1	15.6	06.7	5.09	433	24
0613	08.0	10.2	01.0	1.27	1.00	49.3	30.0	05.4		642	39
0615				0.82	0.72	37.8			6.19	370	20
0616				1.04	0.88	35.0	16.8	06.9	5.88	388	21
0619				0.99	0.85	35.9	16.4	07.0	5.96	384	22
0620				0.85	0.71	29.7	12.6	08.3	5.59	402	32
0621				0.77	0.62	33.7			5.13	424	09
0622				0.90	0.76	36.8	15.5	07.0	4.45	484	32
0623				0.82	0.70	36.8			6.47	361	12
0624				0.96	0.83	35.6	14.4	08.6	5.67	400	25
0625	37.5	09.4	03.6	1.01	0.86	40.2	21.3	07.4		623	73
0627				1.09	0.95	37.7	18.1	07.0	4.64	475	41
0628				0.98	0.83	32.6	16.0	07.4	4.55	480	45
0633				0.92	0.79	43.7	18.8	06.9	4.14	502	38
0634				0.87	0.74	36.1	18.4	08.5	5.56	413	18
0635				0.88	0.76	34.4	16.8	09.3	5.57	407	16
0636				0.85	0.74	34.9	16.6	09.4	5.78	390	14
0637				0.95	0.82	38.9	17.6	07.0	6.04	385	15
0638				0.84	0.73	35.5	18.6	09.5	4.86	449	25
0639				0.86	0.76	40.3	21.6	09.6	5.31	423	15
0640				0.93	0.80	38.9	20.3	09.7	5.09	429	24
0641				0.85	0.73	43.6	16.1	06.9	6.87	338	12
0642				0.84	0.72	36.2			7.22	330	15
0643				0.90	0.79	42.6	20.7	08.9	7.10	328	09
0644				0.86	0.75	38.2	17.0	07.7	6.69	346	08
0645				0.90	0.78	36.9	17.3	07.3	6.63	348	11
0646				0.86	0.75	36.8	16.6	07.9	6.76	342	13
0647				0.93	0.79	36.1	18.8	09.5	4.94	444	17
0649				0.87	0.74	33.4	17.8	09.4	4.59	484	45
0650				0.87	0.76	36.9	16.9	08.9	6.88	330	11
0654				0.96	0.84	38.0	16.0	08.0	5.38	415	20
0655	28.4	07.	02.7	0.83	0.71	33.7	14.1	09.9		435	18
0656				0.96	0.83	36.5	16.1	08.3	5.23	425	23



TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	STELOMETER					MICRO- NAIRE	AREALO- METER	
				UHD	MEAN	T0	T1	E1		A	D
0657				0.98	0.83	35.4	15.5	07.5	5.08	434	30
0658				0.98	0.85	40.4	17.3	07.0	5.29	425	16
0659				0.97	0.85	37.4	15.5	08.5	5.23	425	23
0660				1.01	0.89	38.8	17.1	08.4	4.87	446	31
0661				0.98	0.82	37.5	15.1	07.4	5.28	429	19
0662				0.78	0.64	34.2			4.59	464	34
0663				0.87	0.78	36.2	17.0	09.5	4.63	464	31
0664				0.81	0.69	37.9			5.92	376	12
0665				0.99	0.87	40.3	18.2	09.4		474	20
0668				0.77	0.66	39.5			5.48	407	12
0669											
0670				0.77	0.64	35.0					
0672				0.74	0.61	39.2				463	25
0674				0.90	0.78	39.4	16.8	09.7		389	13
0675				1.06	0.85	34.7	16.6	09.2	6.17	366	10
									4.83	452	26
0677				0.98	0.82	35.2	16.3	08.6	6.22	372	12
0678				0.82	0.71	40.2	17.0	07.6	5.88	386	15
0679				0.82	0.71	37.7			5.85	388	09
0680		07.8									
0681				0.90	0.77	32.5	16.7	10.5	5.48	418	21
0682				0.93	0.80	36.8	16.0	08.3	7.11	328	16
0683				0.96	0.84	37.7	19.7	08.9	5.06	444	25
0684				0.83	0.70	36.3	16.9	08.9	5.90	386	17
0685				0.94	0.81	32.8	15.7	08.7	5.28	424	21
0686				0.91	0.78	39.2	16.7	07.5	5.34	412	15
0687				0.83	0.69	38.6	19.6	13.0	4.38	481	19
0688				0.86	0.72	35.4	18.3	11.4	1.09	490	24
0689	24.0	07.4	02.3	1.05	0.85	42.4	25.1	07.0		641	53
0690				0.96	0.79	41.7	20.2	07.3	4.22	500	37
0691	17.0	05.0	01.3	1.05	0.85	41.2	22.9	08.2		550	33
0693	21.0	05.0	01.8	1.02	0.83	39.6	23.3	09.9	4.27	502	14
0694	10.0	04.2	00.8	0.98	0.81	41.9	21.9	07.5		567	17
0695	22.0	04.8	01.9	1.03	0.84	42.0	22.1	06.8		593	21
0696	32.0	05.4	03.2	0.86	0.72	38.5	21.3	09.8	4.09	507	26
0697				0.96	0.76	40.6	19.7	08.2		534	29
0698	27.0	04.4	02.2	0.97	0.74	41.2	23.1	08.2		555	33
0699	10.0			1.15	0.90	42.7	24.9	07.1		615	32
0700	30.0	04.6	01.9	1.07	0.84	46.5	25.5	07.9		553	31
0701				0.95	0.79	41.6	19.9	09.2	4.79	448	10
0702				0.93	0.82	33.5	16.2	10.4	6.09	377	15



IDENTIFICATION NUMBERS				RACE	ORIGIN	FIELD SCORES	GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS				
0703			4972			3.5	
0704	3317	265142	5494		HONDURAS		01.0
0705			4973			3.5	
0707	3319	265144	5495		HONDURAS		01.3
0708	3320	265145			HONDURAS		01.2
0709	3321	265146	5496		NICARAGUA	4.5	07.9
0710	3322	265147	5497		NICARAGUA		01.5
0711			4974			3.5	
0712	3323	265148	5498		NICARAGUA		01.2
0713	3324	265149	5499		NICARAGUA		01.3
0714	3325	265150	5500		NICARAGUA		01.9
0715	3326	265151			NICARAGUA		00.1
0717			4975			3.5	
0718	3327	265152			NICARAGUA		00.9
0719	3328	265153			NICARAGUA		01.6
0720	3329	265154			NICARAGUA		01.2
0721	3330	265155			NICARAGUA		00.6
0722	3331	265156			BRIT. HONDURAS		01.8
0723	3332	265157			BRIT. HONDURAS		01.6
0724	3333	265158			BRIT. HONDURAS		01.8
0725	3334	265159			BRIT. HONDURAS		00.4
0728	2500	173318	4976		MEXICO	1.0	
0729	2501	173319	4977		MEXICO		
0730	2502	173320	4978		MEXICO		
0731	2503	173321	4979		MEXICO		
0732	2504	173322	4980		MEXICO		
0733	2506	173324			MEXICO		
0734	2507	173325			MEXICO		
0735	2509	173327			MEXICO		
0737	2513	173331	4981		MEXICO		
0738	2514	173332	4982		MEXICO	3.5	
0739	2515		4983		MORELOS, MEX.		
0740	2516		4984		JALISCO, MEX.		
0741	2704		4985		MEXICO		
0742	2705		4986		MEXICO		
0743	2711		4987		GUATEMALA	3.5	
0744	2714		4988		VERACRUZ, MEX.		
0745	2715		4989		YUCATAN, MEX.		
0746	2716		4990		PUEBLO, MEX.		
0748	2718		4991		MICHOACAN, MEX.		

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0703				0.70	0.60	33.5			6.79	335	05
0704	10.0	03.8	01.0	0.83	0.67	41.3				543	10
0705				0.85	0.74	33.5	15.7	08.8	6.69	346	14
0707	31.0	03.6	01.6	0.78	0.64	38.6			4.75	457	15
0708	17.0	04.8	01.1	0.95	0.72	37.5	20.5	06.3		506	26
0709	37.0	12.0	06.9	1.05	0.80	34.2	15.7	06.8	4.51	478	31
0710	27.0	05.2	02.1	0.88	0.75	40.9	23.8	08.9	4.20	495	26
0711				0.83	0.72	33.9			5.71	394	18
0712	33.0	04.0	02.0	0.99	0.82	40.1	22.4	07.9	3.74	545	26
0713	31.0	04.4	02.0	0.88	0.71	36.2	18.2	08.5	3.48	579	30
0714	32.0	04.8	02.9	0.89	0.73	38.7	22.3	07.7	4.12	518	13
0715	50.0			0.96	0.70	37.9	22.9	07.8		605	64
0717				0.98	0.85	42.8	19.5	05.8	6.04	370	14
0718	22.0	05.4	01.8	0.95	0.72	39.0	22.5	07.3		481	19
0719	19.0	06.6	01.8	1.07	0.83	38.7	20.6	07.2	5.15	420	08
0720	25.0	04.0	01.5	0.91	0.71	37.2	20.7	08.1	3.58	577	32
0721	17.0	05.2	01.0	1.07	0.89	37.4	22.1	10.0		612	51
0722	17.0	06.0	01.4	1.13	0.93	39.3	20.5	09.0	3.53	580	34
0723	25.0	06.0	02.0	1.12	0.88	38.8	19.5	08.6	3.15	629	49
0724	22.0	06.6	02.2	1.12	0.87	38.1	20.1	09.2	3.13	630	50
0725	25.0	08.4	04.2	1.14	0.88	41.0	19.6	07.9		471	19
0728				0.97	0.77	40.2	16.7	07.0	5.13	428	07
0729				1.06	0.87	46.1	20.6	06.3	3.15	619	46
0730				1.01	0.86	36.4	16.0	07.0	5.84	383	15
0731				0.92	0.76	38.9	17.7	07.9	4.63	465	09
0732				0.97	0.84	41.4	20.6	08.0	4.49	476	17
0733				0.86	0.73	39.2	19.2	09.6		428	05
0734				0.85	0.69	39.8	17.3	09.5		428	05
0735				0.99	0.86	44.0	22.1	06.8		489	14
0737				0.93	0.77	40.4	18.9	08.1	4.43	476	11
0738				0.88	0.77	37.0	17.8	08.5	6.28	363	14
0739				0.94	0.80	40.8	18.7	08.6	4.55	471	10
0740				1.01	0.90	44.8	23.0	07.2	4.48	416	16
0741				0.94	0.78	38.4	18.3	08.3	4.53	464	11
0742				0.91	0.76	39.3	16.8	08.6	4.70	455	07
0743				1.03	0.87	36.6	18.4	08.2	4.82	452	17
0744				0.87	0.75	34.8	16.0	09.3	4.68	464	29
0745				0.85	0.73	37.0	14.5	08.3	5.90	381	08
0746				0.97	0.84	40.8	18.9			492	22
0748				0.96	0.82	42.2	20.6	08.7		489	31

IDENTIFICATION NUMBERS				RACE	ORIGIN	FIELD SCORES	GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS				
0749	2841		4992		VERACRUZ, MEX.	2.5	
0750	2482		4993				
0751							
0752	2845		4994		MORELOS, MEX.		
0753					VERACRUZ, MEX.	2.5	
0754	2848		4995		VERACRUZ, MEX.		
0755	2849		4996		VERACRUZ, MEX.		
0756	2850		4997		VERACRUZ, MEX.	1.5	
0757					VERACRUZ, MEX.	1.0	
0758					VERACRUZ, MEX.	1.0	
0759	2853		4998		VERACRUZ, MEX.	2.5	
0760	2854		4999		VERACRUZ, MEX.	2.5	
0761	2855		5000		VERACRUZ, MEX.	1.0	
0762	2856		5001		SAN LUIS P.MEX.	4.5	
0763	2857		5002		SAN LUIS P.MEX.	1.5	
0764	2858		5003		SAN LUIS P.MEX.	1.5	
0765	2859		5004		BRIT. HONDURAS		
0766	2860		5005		BRIT. HONDURAS		
0767	2861		5006		BRIT. HONDURAS		
0768	2862		5007		OAXACA, MEX.	3.5	
0769	2863		5008		CHIAPAS, MEX.	1.0	
0770			5009				
0771			5010				
0773			5011			1.5	
0775			5012			2.5	
0776			5013				
0781	3343	265170	5501		BRIT. HONDURAS		01.7
0782	3346	265171	5502		BRIT. HONDURAS		01.8
0783	3347	265172	5503		BRIT. HONDURAS		02.2
0784	3348	265173	5504		BRIT. HONDURAS		02.0
0785	3349	265174			BRIT. HONDURAS		01.9
0786	3350	265175	5505		BRIT. HONDURAS		04.1
0787	3351	265176	5506		BRIT. HONDURAS		02.6
0788	3352	265177	5507		BRIT. HONDURAS		02.4
0789	3353	265178	5508		BRIT. HONDURAS		02.8
0790	3354	265179	5509		BRIT. HONDURAS		02.4
0791	3355	265180	5510		BRIT. HONDURAS		02.8
0792	3356	265181	5511		BRIT. HONDURAS		02.4
0793	3358	265182	5512		BRIT. HONDURAS		02.2
0794	3361	265127	5513		BRIT. HONDURAS		02.6

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						T0	T1	E1		A	D
0749				0.90	0.76	38.4	15.7	06.8	0.56	393	09
0750				1.02	0.89	38.1	19.1	08.3	4.51	477	33
0751				1.00	0.77	39.0	15.1	06.6	3.78	540	22
0752				0.98	0.77	38.9	16.5	07.3		615	30
0753				0.90	0.77	33.4	14.6	08.1	5.18	421	25
0754				1.04	0.87	36.4	16.5	06.7	4.34	481	46
0755				0.78	0.82	33.5	16.8	08.2	4.17	510	49
0756				0.98	0.84	36.5	17.0	07.5	4.41	483	37
0757				0.12	0.56	30.2				536	31
0758				0.71	0.56	30.6				551	31
0759				0.89	0.76	36.6	16.0	07.2	5.90	387	08
0760				0.90	0.76	39.6	14.7	06.5	5.95	378	10
0761				0.67	0.55	31.5				544	35
0762				1.04	0.89	29.7	14.5	09.0	5.58	401	17
0763				0.90	0.78	35.6	17.8	09.4	5.12	431	15
0764				0.91	0.79	35.8	17.9	09.0	5.07	433	14
0765				0.96	0.81	32.0	15.4	09.5	4.60	472	21
0766				0.83	0.70	31.8			6.09	372	11
0767				0.88	0.77	40.7	14.7	07.2	6.34	354	06
0768				0.83	0.68	29.9			5.59	401	20
0769				0.89	0.75	42.2	19.6	07.1	4.19	496	38
0770				1.05	0.85	39.3	18.1	06.4	3.89	533	51
0771				1.08	0.92	32.6	16.8	08.2	4.80	455	33
0773				0.95	0.80	34.9	16.4	08.7	4.48	478	34
0775				1.01	0.86	34.4	15.0	06.1	6.56	354	13
0776				0.88	0.73	34.9	16.9	10.3	4.75	455	19
0781	24.0	06.8	02.7	1.08	0.85	35.4	19.0	09.1	3.42	588	30
0782	17.0	08.2	02.5	0.94	0.76	35.3	16.6	07.7	4.14	504	42
0783	19.0	08.8	02.3	0.98	0.79	33.7	16.7	08.4	4.99	438	21
0784	20.0	09.0	02.6	1.01	0.83	33.5	17.3	08.2	4.94	443	31
0785	21.0	08.6	02.3	0.99	0.83	32.3	17.0	08.9	4.80	454	29
0786	29.0	08.4	04.1	0.97	0.84	41.0	21.5	07.2	5.15	428	22
0787	15.0	06.2	01.6	1.02	0.88	38.3	18.4	07.9	4.55	476	24
0788	21.0	07.4	02.2	0.92	0.79	37.5	17.1	07.1	5.95	389	22
0789	18.0	06.6	01.7	0.78	0.66	43.6			6.57	343	06
0790	17.0	06.6	01.7	0.96	0.84	38.1	19.8	09.2	4.89	449	20
0791	25.0	06.2	02.4	0.79	0.69	40.3			6.30	362	07
0792	17.0	06.2	01.6	0.83	0.71	40.9			6.53	342	04
0793	18.0	06.0	01.7	0.86	0.75	35.6	16.8	07.4	5.89	380	04
0794	15.0	07.0	01.8	0.82	0.69	42.1			6.61	341	05

IDENTIFICATION NUMBERS				RACE	ORIGIN	FIELD SCORES				GRAM BOLL
TEXAS	C.B.	P.I.	COLLINS							
0795	3362	265128	5514		BRIT. HONDURAS					03.6
0796	3363	265119			CUBA					01.5
0797	3364	265120			CUBA					01.8
0798	3365	265121			CUBA					00.9
0799	3366	265122	5515		CUBA					01.4
0800	3368	265123			CUBA					00.9
0802	3370	265125			CUBA					02.6
0803	3372	265126			CUBA					00.4
0804	3373		5516		BAHAMA					02.4
0805	3374		5517		BAHAMA					03.0
0806	3375		5518		BAHAMA					02.0
0807	3376		5519		BAHAMA					02.3
0808	3377		5520		BAHAMA					01.7
0809	3378		5521		BAHAMA					02.4
0810	3379		5522		BAHAMA					02.2
0811	3380		5523							
0812	3381		5524		BAHAMA					02.3
0813	3382		5525		BAHAMA					01.8
0814	3383		5526		BAHAMA					02.0
0815	3384		5527		BAHAMA					01.6
0816	3385		5528		MONA ISLAND					02.3
0817	2793	196458		0103	NICARAGUA	07	1	1	1	
0818	2795	196582		0103	NICARAGUA	07	1	1	3	
0819	2883	206256		0103	TRINIDAD	08	3	2	1	
0820	2884	206257		0103	TRINIDAD	08	3	2	1	
0821	2902	209088		0103	HAITI	09	4	3	1	
0822	3003	227336		0103	GUAM	05	1	1	1	
0823	3036	234325		0103	NICARAGUA	07	2	4	2	
0824	3125			0103	DOMINICA, B.W.I.	83	3	2		
0825	3135			0103	HAITI	08	2	2	2	
0826	3136	249422		0103	COLOMBIA	07	1	1	2	
0827	3155	255575		0103	CUBA	05	3	3	1	
0828	3156	255574		0103	MARQUESAS IS.	03	3	3		
0829	3157	256428		0103	PANAMA	07	1	1	3	
0830	3265			0103	JAMAICA					
0831	3159			0103	TRINIDAD	10	3	4	1	0.0
0832	3161			0103	TRINIDAD	10	3	4	1	0.0
0833	3163			0103	TRINIDAD	07	2	2	1	0.0
0834	3164			0103	VENEZUELA	08	2	3	1	0.0
0835	3165			0103	VENEZUELA	07	3	3	1	0.0

TFXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER A D	
						TO	T1	E1			
0795	22.0	06.8	02.4	0.91	0.78	33.1	17.3	10.2	5.93	387	20
0796	13.0	04.2	00.8	0.92	0.76	40.4	23.3	07.2		601	48
0797	22.0	05.0	02.0	0.85	0.69	34.5	16.1	07.8	3.34	588	33
0798	22.0	03.6	01.4	0.84	0.67	36.6					
0799	14.0	05.2	01.5	0.96	0.75	35.9	18.3	07.1		664	66
0800	11.0	06.8	01.1	1.12	0.92	41.5	23.5	07.3			
0802	23.0	08.0	03.0	1.14	0.96	38.8	21.9	07.1	3.90	530	17
0803	25.0	07.6	03.8	1.14	0.94	39.4	22.6	07.3		567	22
0804	21.0	07.6	02.4	1.01	0.89	43.8	22.8	07.7	5.79	388	15
0805	27.0	08.4	03.4	0.97	0.85	39.8	20.8	08.0		366	08
0806	15.0	08.4	01.8	0.94	0.82	40.4	21.5	08.0	5.87	382	11
0807	17.0	08.6	02.2	0.94	0.82	43.6	20.9	07.9	5.79	392	13
0808	12.0	06.4	01.1	0.99	0.84	37.4	18.2	08.4	5.12	431	19
0809	17.0	06.2	01.6	0.96	0.84	36.2	18.3	08.5	5.30	422	13
0810	18.0	08.8	02.3	0.99	0.86	43.2	22.5	07.3	5.73	389	12
0811	17.0	08.0	01.2	0.96	0.84	36.4	18.4	07.4	5.48	410	12
0812	17.0	07.0	01.8	0.92	0.80	33.8	16.6	08.1	5.84	391	17
0813	17.0	06.8	01.9	1.08	0.93	38.9	19.9	05.7	4.47	478	31
0814	15.0	07.2	01.5	0.94	0.82	35.5	16.1	07.6	5.79	391	09
0815	22.0	07.2	01.6	0.88	0.77	38.1	19.6	10.3	6.39	360	07
0816	17.0	07.6	01.9	1.07	0.86	42.8	19.6	05.2	4.08	508	14
0817											
0818											
0819											
0820											
0821											
0822											
0823											
0824											
0825											
0826											
0827											
0828											
0829											
0830											
0831	21.3	07.2	02.0	1.09	0.90	41.1	19.7	06.8			
0832	23.9	07.6	02.4	1.06	0.82	38.8	19.7	07.9	2.78	962	82
0833	24.9	06.2	02.1	1.00	0.82	37.3	19.3	09.2		497	35
0834	26.5	06.2	02.2	1.07	0.86	40.5	16.9	06.6	3.90	493	30
0835											

IDENTIFICATION NUMBERS						FIELD SCORES				GRAM BOLL	
TEXAS	C.R.	P.I.	COLLINS	RACE	ORIGIN						
0836	3166			0103	VENEZUELA	08	1	4	1		
0837	3167			0103	VENEZUELA	08	3	3	1		
0838	3168			0103	VENEZUELA	10	3	3	1		
0839	3169			0103	VENEZUELA	08	2	3	2		
0840	3171			0103	VENEZUELA	07	3	2	1	0.0	02.0
0841	3172			0103	VENEZUELA	08	3	4	1	0.0	02.4
0842	3173			0103	VENEZUELA	06	2	3	3		
0843	3174			0103	VENEZUELA	09	1	2	1	0.0	01.4
0844	3175			0103	VENEZUELA	08	3	4	1		
0845	3176			0103	VENEZUELA						
0846	3177			0103	VENEZUELA	07	3	3			
0847	3178			0103	VENEZUELA	08	2	3			02.3
0848	3179			0103	VENEZUELA	00	3	2	1		
0849	3180			0103	VENEZUELA	08	2	2	1		
0850	3181			0103	VENEZUELA	07	2	4	2		
0851	3182			0103	VENEZUELA	05	2	4	2	0.0	00.6
0852	3183			0103	VENEZUELA	09	3	4	3		
0853	3186			0103	GRENADA	08	3	2	3		00.0
0854	3187			0103	GRENADA	08	3	4	4		
0855	3188			0103	GRENADA	07	3	4	2		
0856	3189			0103	CARRIACAN	07	3	3	1	0.0	02.5
0857	3190			0103	CARRIACAN	07	3	3	1		
0858	3191			0103	CARRIACAN	08	4	4	2		
0859	3192			0103	CARRIACAN	08	2	2	2		
0860	3193			0103	CARRIACAN	06	3	2	3		
0861	3197			0103	ST. LUCIA	05	3	3	1		
0862	3198			0103	ST. LUCIA	08	1	2	1		
0863	3200			0103	ST. LUCIA	07	3	3	1	0.0	00.8
0864	3205			0103	MARTINIQUE	07	2	2	1	0.0	02.1
0865	3207			0103	MARTINIQUE	08	2	2	1	0.0	02.0
0866	3208			0103	MARTINIQUE	07	3	3	1	0.0	01.6
0867	3211			0103	GUADELOUPE	07	1	3			01.0
0868	3217			0103	GUADELOUPE	07	3	3	2		
0869	3218			0103	GUADELOUPE	08	2	2	1		
0870	3221			0103	ST. KITTS	05	4	4	1		00.6
0871	3222			0103	ST. KITTS	07	2	4	1	0.0	00.7
0872	3223			0103	ST. KITTS	08	3	4	2		
0873	3224			0103	ST. THOMAS	08	1	2	1	0.0	01.6
0874	3225			0103	ST. THOMAS	08	1	2	1		
0875	3227			0103	ST. THOMAS	09	3	2	1		

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0836											
0837											
0838											
0839											
0840	18.4	10.2	02.3	1.20	0.95	43.7	23.5	06.3	3.80	542	36
0841	22.2	10.0	02.9	1.15	0.86	41.7	20.4	05.8	2.58	673	80
0842											
0843	25.2	04.2	01.4	1.04	0.84	39.8	19.2	08.3			
0844											
0845	11.1	11.4	01.4								
0846											
0847	29.4	07.4	03.1	1.16	0.90	39.4	20.5	07.6	3.58	536	37
0848											
0849											
0850											
0851	21.0	04.0	01.1	0.86	0.63	43.2	17.3	05.2			
0852											
0853	06.6	03.1	00.2								
0854											
0855											
0856	25.6	08.2	02.8	1.20	0.92	41.7	17.3	05.5	4.68	448	27
0857											
0858											
0859											
0860											
0861											
0862											
0863	16.0	05.4	01.0	0.86	0.66	36.7	11.2	05.1			
0864	19.0	08.0	01.9	0.95	0.70	35.9	12.3	06.4	2.43	674	25
0865	23.0	08.2	02.5	1.18	0.93	43.2	15.9	05.2	3.63	505	42
0866	18.4	06.2	01.4	1.07	0.90	44.0	18.6	05.8		563	29
0867	21.1	07.2	01.9	1.19	1.06	41.6	22.3	07.7		523	23
0868											
0869											
0870		04.4	00.0								
0871	14.9	04.0	00.7	1.06	0.84	43.7	17.9	04.4		664	58
0872										596	42
0873	18.8	07.2	01.7	1.20	1.06	46.7	20.5	05.5			
0874											
0875											



[illegible]

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						T0	T1	E1		A	D
0876	19.8	08.2	02.0	1.15	0.97	44.0	22.5	06.2		676	81
0877	17.5	10.2	02.2	1.39	1.04	42.6	21.1	05.9	3.85	507	43
0878	28.2	07.8	03.1	0.88	0.73	38.0	16.2	08.1	4.57	452	11
0879	21.9	05.2	01.5	0.84	0.71	41.9	16.5	05.9		520	24
0880											
0881											
0882	18.4	09.2	02.1	0.98	0.70	41.5	17.6	06.1	2.78	573	41
0883											
0884											
0885	25.0	05.8	01.9	0.98	0.79	41.7	23.1	08.3	2.45		
0886											
0887	27.0	06.2	02.3	0.96	0.78	40.3	21.9	07.6			
0888		03.5	00.0								
0889											
0890	31.4	05.4	02.5	0.85	0.69	43.2	20.7	08.2	3.90	517	34
0891	19.0	06.3	01.5	1.07	0.91	40.0	23.7	10.1		611	34
0892											
0893	25.4	06.2	02.1	0.91	0.78	41.0	23.7	08.8		606	72
0894											
0895											
0896											
0897	26.3	08.2	02.9	1.15	0.96	34.6	17.4	07.3	3.03	589	67
0898		03.8	01.0								
0899	21.3					27.4	13.3	10.0			
0900											
0901											
0902											
0903											
0904											
0905											
0906	17.5	08.0	01.7	1.10	0.89	41.9	22.2	06.5		620	39
0907	24.3	07.4	02.4	1.06	0.84	37.7	19.1	07.7	3.75	520	29
0908	21.4	07.6	02.1	0.97	0.77	43.9	15.1	04.5	3.33	558	45
0909	23.5	07.6	02.3	1.12	0.94	41.8	17.0	06.7		569	38
0910	17.0	10.2	02.1								
0911	33.1	08.2	04.1	1.17	1.01	44.3	23.4	06.5	4.75	442	16
0912	18.4	08.2	01.9	1.22	0.97	47.7	27.1	05.8	2.95	627	34
0913	28.4	06.2	02.5	0.89	0.74	35.8	16.5	09.6	5.50	403	25
0914	32.2	07.4	03.5	0.75	0.67	39.3	59.3			374	18
0915	30.0	06.2	02.7								

IDENTIFICATION NUMBERS								GRAM
TEXAS	C.B.	P.I.	COLLINS	RACE	ORIGIN	FIELD SCORES	BOLL	
0916	3429				YUCATAN, MEX.		01.3	
0917	3430				YUCATAN, MEX.		02.2	
0918	3431				YUCATAN, MEX.		01.5	
0919	3435				YUCATAN, MEX.		02.0	
0920	3436				GUATEMALA		02.6	
0921	3437				GUATEMALA		02.8	
0922	3438				GUATEMALA		02.2	
0923	3439				COSTA RICA		01.8	
0924	3440				COSTA RICA		01.8	
0925	3442				COLOMBIA		02.2	
0926	3443				COLOMBIA		02.3	
0927	3444				PANAMA		01.3	
0928	3445				PANAMA		01.7	
0929	3447				COSTA RICA		02.8	
0930	3448				COSTA RICA		05.0	
0931	3423				USSR	5.0	06.1	
0932	3424				USSR	5.0	07.1	
0933	3425				USSR		04.8	
0934	3492				SQCCORRO ISLAND		00.1	
0935	3471						01.6	
0936	3085						01.8	

TEXAS NO.	LINT PCT.	SEED INDEX	LINT INDEX	UHD	MEAN	STELOMETER			MICRO- NAIRE	AREALO- METER	
						TO	T1	E1		A	D
0916	23.4	07.4	02.3	0.82	0.67	33.8				473	29
0917	30.2	08.2	03.5	1.09	0.87	35.7	16.8	07.1		481	21
0918	27.9	06.2	02.4	0.82	0.72		34.1		.60	386	19
0919	25.0	07.0	02.3	0.90	0.79	40.7	18.3	06.5	4 53	465	20
0920	32.2	11.8	05.6								
0921	32.2	09.0	04.3	0.95	0.82	39.5	18.1	05.8	5.22	420	20
0922	32.6	09.4	04.5	1.07	0.86	45.8	23.6	06.1	6.03	371	22
0923	30.4	06.2	02.7	0.86	0.73	43.7	21.8	09.1	5.03	422	12
0924	28.0	07.4	02.9	0.94	0.80	43.2	25.3	08.0	4.52	468	16
0925	40.7	07.6	05.2								
0926	32.2	07.6	03.6	1.07	0.86	37.7	15.7	05.9	4.80	441	25
0927	22.3	05.4	01.6	0.94	0.76	42.8	19.4	06.4		667	37
0928	26.9	06.2	02.3	0.93	0.77	44.9	18.4	04.9	4.48	461	27
0929	21.8	11.6	02.3	1.01	0.80	39.1	19.0	06.9	3.48	513	55
0930	39.1	10.2	06.5	0.99	0.85	40.2	17.9	05.8	5.18	412	22
0931	38.8	11.8	07.5	1.07	0.91	35.9	17.2	07.6	5.17	421	10
0932	40.8	11.8	08.1	1.11	0.96	34.3	17.1	07.2	4.58	441	26
0933	60.6	09.6	14.8	1.20	1.03	33.6	16.2	08.0	4.42	473	33
0934		06.2	00.0	1.00	0.82	41.7	21.8	07.1	4.58	451	15
0935	23.4	07.4	02.3								
0936	13.8	09.2	01.5	1.17	0.96	47.3	27.3	06.5		552	10

ID. NUMBERS			DESIGNATION	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0001		0100	NANKEEN BROWN	1	3	2	0	2
0002	29944	0100	ALGERIAN BROWN	1	3	2	0	2
0003	20771	0100	ARKANSAS GREEN LINT	1	4	2	0	2
0004	29921	0100	ORIGINAL OKRA LEAF	1	3	2	0	2
0005	29922	0100	EXTREME OKRA LEAF	1	3	2	0	2
0006	20688	0100	MARCEL LEAF	1	2	2	0	2
0007	29975	0100	ORIGINAL WINESAP	2	3	3	0	2
0008	29923	0100	INTENSE RED	2	3	3	0	2
0009		0100		2	3	3		2
0010	29924	0100	ARIZONA RED	2	4	3	0	1
0011		0100	ARKANSAS CLEAN SEED	1	3	2	0	2
0012		0100	TEXAS CLEAN SEED	1	3	2		2
0013		0100	RED PLANT CLEAN SEED (NO LINT)	2	3	3	0	2
0014	29976	0100	UPRIGHT SHORT FRUITING BRANCH	1	3	2	0	2
0016	29952	0100	HEAVY SPOT CLEAN YELLOW ANTHOR	1	3	2	2	1
0017		0100	KING 82-8 SMALL HEAVY SPOT CRM	1	4	2	2	2
0018		0100	ARKANSAS 17 (YELLOW ANTHOR)	1	3	2	0	3
0019	29953	0100	ACALA 37 (YELLOW ANTHOR)	1	3	2	0	1
0020	22027	0100	HALF AND HALF (YELLOW ANTHOR)	1	3	2	0	1
0021		0100	KING 67-6 (YELLOW ANTHOR)	1	3	2	0	1
0022	29954	0100	YELLOW ANTHOR	1	3	2	0	1
0023	29977	0100	RED OKRA NANKEEN CLEAN SPOT	2	3	3		2
0024		0100	RED OKRA GREEN CLEAN	2	3	3	0	2
0025	29978	0100	INTENSE RED GREEN LINT	2	4	3	0	2
0026	20689	0100	ACALA 22-2	1	3	2		2
0027	30007	0100	MEADE CLEAN SEED	1	3	2	0	2
0028	29979	0100	BAWAKA CLUSTER	1	3	2	0	2
0029	29980	0100	TEXAS SHORT FRUITING BRANCH	1	3	2	0	1
0030		0100	VIOLESCENT YELLOW	3	3	2	0	2
0031		0100	BRONZE	5	3	3	0	2
0032		0100	O'KELLY CHLOROPHYLL DEFICIENT	3	3	2	0	2
0033	22028	0100	HOPI	1	3	1	0	1
0038		0100	SHAFTER BROWN	1	3	2	0	2
0039	20772	0100	BRYMER BROWN	1	4	2	0	2
0040	29945	0100	TEXAS RUST BROWN	1	3	2	0	2
0041	29981	0100	CLUSTER GREEN	1	3	2	0	1
0042	29925	0100	CLARKSDALE RED	2	4	3	0	2
0043	29982	0100	PINE BLUFF RED	2	3	3	0	2
0044	29983	0100	OKLAHOMA PURPLE LEAF	2	3	3	0	2
0045	29926	0100	SACATON WINESAP	2	4	3	0	2

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		TC	T1	E1	MICRO- NAIRE	AREALC- METFP	
				UHM	MEAN	UHM	MEAN					A	D
0001	075	12.6	25.6	0.69	0.59	0.59	0.51	32.6			5.67	384	010
0002	085	13.6	22.8	0.85	0.67	0.75	0.64	30.5			4.58	455	035
0003	093	13.7	16.6	0.85	0.62	0.81	0.63	26.6	15.8	08.3	2.80	625	099
0004	059	15.6	24.1	0.98	0.84	0.93	0.82	36.5	19.2	08.4	4.85	432	029
0005	084	11.8	27.5	0.80	0.64	0.70	0.57	29.1			5.42	403	018
0006	088	12.0	25.8	0.80	0.66	0.72	0.60	28.7			5.78	386	023
0007	111	10.0	33.4	0.93	0.78	0.82	0.69	39.3	14.8	06.6	5.93	378	018
0008	121	10.2	34.2	0.86	0.71	0.77	0.65	38.9	15.8	07.2	6.75	337	015
0009	150	10.3	02.3										
0010	065	12.0	35.0	1.06	0.89	1.00	0.88	37.5	18.4	07.2	5.65	384	018
0011	115	12.2	04.1										
0012		10.1	08.2										
0013													
0014	080	10.9	30.3	0.96	0.82	0.88	0.75	38.1	17.3	07.1	4.90	425	024
0016	117	11.6	08.0	1.05	0.88	0.97	0.83	39.5	19.5	07.8		344	012
0017	090	11.5	26.6	0.94	0.84	0.86	0.77	39.8	19.5	06.7	5.43	404	021
0018	069	14.2	29.3	1.16	0.99	1.14	0.97	38.7	20.5	08.4	5.00	417	032
0019	076	12.2	32.4	1.14	0.95	1.12	0.95	35.3	18.4	07.7	4.43	461	032
0020	060	13.8	37.7	0.94	0.78	0.84	0.70	34.7	14.1	08.1	5.33	400	022
0021	075	11.2	38.6	1.12	0.87	1.10	0.87	33.9	18.9	08.4	4.23	468	027
0022	097	13.3	28.0	1.07	0.94	1.01	0.91	36.2	20.7	09.1	4.33	475	036
0023	109	10.1	06.8	0.99	0.79	0.84	0.64	29.1	12.5	08.5		567	082
0024	121	12.9	08.8	1.05	0.84	0.97	0.75	30.5	15.9	08.0	2.73	636	099
0025	100	12.3	17.7	0.91	0.73	0.79	0.60	26.6	14.5	08.0	2.90	621	096
0026	057	14.9	28.3	1.26	1.04	1.24	0.99	41.8	22.2	06.5	3.83	495	045
0027	090	13.7	16.2	1.27	1.10	1.21	1.04	32.4	18.3	08.1	4.40	458	039
0028	077	12.5	27.0	1.06	0.92	0.98	0.85	41.1	19.2	06.4	4.93	437	027
0029	085	11.3	30.4	0.98	0.78	0.89	0.69	32.5	14.6	07.1	4.00	479	0
0030	058			1.04	0.91	0.99	0.88	34.5	16.9	07.2	5.13	411	0
0031	069	15.2	33.7	1.11	0.98	1.06	0.95	37.7	20.7	06.7	4.53	451	0
0032	068	12.9	35.1	1.11	0.95	1.03	0.89	36.4	19.5	07.4	4.45	460	03
0033	224	08.5	24.5	0.94	0.81	0.84	0.74	36.2	21.7	08.8	4.90	440	02
0038	115	15.2	13.3	0.71	0.49	0.61	0.46	19.3					
0039	066	14.5	28.9	1.07	0.79	1.05	0.82	34.2	18.9	08.4	3.28	553	052
0040	066	14.8	19.7	0.86	0.61	0.86	0.64	31.1	16.5	07.9	2.93	595	088
0041	080	12.8	21.4	0.98	0.72	0.87	0.62	28.9	14.4	09.2	2.43		
0042	076	12.4	36.3	0.93	0.78	0.85	0.75	34.9	16.2	08.0	6.60	335	011
0043	054	18.8	37.4	1.05	0.89	0.99	0.85	39.4	17.1	05.9	6.45	349	020
0044	081	12.6	32.1	1.16	0.96	1.06	0.83	39.5	20.0	06.0	4.08	469	022
0045	128	09.7	20.5	0.87	0.74	0.80	0.69	40.3	19.7	07.4	4.75	445	033

ID. NUMBERS			DESIGNATION	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0046	29984	0100	SACTON RED ACALA	2	3	3	0	2
0047		0100	NEW MEXICO RED	2	3	3	0	2
0048		0100	STONFVILLE CLEAN SEED	1	3	2	0	1
0049		0100		1	3	1	1	2
0050	30008	0100	NEAL CLEAN SEED	1	3	2		3
0051		0100	POPE CLEAN SEED	1	3	2	0	2
0052		0100	ROWDEN CLEAN SEED	1	3	2	0	2
0053	30011	0100	COOK 912 POPE CLEAN SEED	1	4	2	0	2
0054		0100	BALLAPD CLEAN SEED HIGH LINT	1	3	2	0	2
0055	30012	0100	ACALA SLICK SEED	1	3	2	0	2
0056		0100	ACALA (MEX.) BUD ABORTION	1	3	2	0	2
0057		0100	RED CLUSTER	2	3	3	0	2
0058		0100	TUXTULA	1	3	2	0	2
0059	29955	0100	PETAL SPOT	1		2		2
0060	29956	0100	YELLOW ANTHOR	1	4	2	1	1
0062		0100	TEXAS WOOL GREEN	1	3	2	0	1
0063	29927	0100	MCNAMARA WINESAP	2	4	3	0	2
0064	29957	0100	HITE RED	2	4	3	0	2
0065	30013	0100	BROWN LINT CLEAN SEED	1	3	2	0	2
0066	30014	0100	KEKCHI CLEAN SEED	1	3	2	0	2
0067		0100	MCNAMARA, CLEAN, HIGH LINT	1	3	2	0	2
0068		0100	CHAPMAN CLEAN SEED	1	5	2		3
0069	30015	0100	ACALA 4067 CLEAN SEED	1	4	2	2	2
0070	29985	0100	BATSON CLUSTER	1	3	2	0	2
0071	29986	0100	DURANGO CLUSTER	1	3	2	0	2
0072	29987	0100	MARS ROSE CLUSTER	1	3	2	0	2
0073	20690	0100	H.A. 1	1	3	2	0	2
0074	20691	0100	H.A. 2	1	3	2	0	2
0075	20692	0100	H.A. 3	1		3	0	2
0076	29928	0100	H.A. 4	1	3	2	0	2
0078	20693	0100	H.A. 7	1	3	2	0	2
0079	20773	0100	SATURED APEX	1	3	2	0	2
0080	29060	0100	HUPLEY LONG BOLL	1	3	2	0	2
0081	29958	0100	KING 101-3-10 NO SPOT (CREAM)	1	4	2	0	2
0082		0100	KING NO SPOT (YELLOW ANTHOR)	1	3	2		3
0083	29988	0100	SHORT STAPLE MC NAMARA	1	3	2	0	2
0084	29061	0100	FLORIDA SHORT STAPLE	1	3	2	0	2
0085	20694	0100	BLACK ARM RESISTANTX16 (FINE)	1	3	2	0	2
0086		0100	BROWN EGYPTIAN	1	4	5	3	4
0088	29959	0100	SILLOW RED	2	4	3	2	1

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		TC	T1	EI	MICRO- NAIPE	APFALD- METER	
				UHM	MEAN	UHM	MEAN					A	D
0046	083	12.7	33.8	1.12	0.93	1.05	0.83	42.9	21.8	06.5	3.40	538	045
0047	064	15.8	33.0	0.96	0.81	0.90	0.78	34.4	17.4	07.1	4.98	417	031
0048		11.2											
0049		09.4											
0050	082	11.8	23.6	1.12	0.96	1.08	0.93	35.9	17.4	07.0	5.30	412	024
0051	088	12.4	01.9										
0052	074	11.9	25.8	1.09	0.96	1.04	0.92	33.4	16.2	07.9	6.23	368	026
0053	093	11.0	19.3	1.00	0.88	0.93	0.84	40.2	18.8	06.7	5.65	376	019
0054	076	12.1	31.6	1.07	0.90	1.01	0.92	35.9	16.5	07.7	3.68	507	031
0055	069	11.5	35.2	1.00	0.87	0.94	0.84	35.2	17.3	07.4	4.45	449	032
0056	110	13.3	14.9	1.10	0.96	1.05	0.88	39.0	18.2	05.7	5.48	391	019
0057	090	10.9	35.0	0.94	0.79	0.86	0.74	41.8	14.6	05.6	6.15	344	008
0058	074	15.7	36.9	1.08	0.92	1.05	0.92	37.6	17.4	06.0	4.70	444	031
0059	090	11.8	29.7	1.08	0.95	1.03	0.90	36.4	19.3	08.6	4.63	453	030
0060	099	12.6		1.00	0.88	0.93	0.82	38.4	19.0	06.9	5.42	400	023
0062	092	13.1	19.8	0.93	0.66	1.02	0.79	29.1	15.9	08.7	2.48		
0063	111	09.5	25.5	0.95	0.80	0.88	0.74	38.0	20.0	07.2	5.13	414	026
0064	072	11.0	35.9	1.05	0.89	0.98	0.79	34.5	16.5	08.6	5.35	408	020
0065	089	11.3	25.6	0.83	0.70	0.70	0.60	32.7			6.28	353	018
0066	098	11.7	03.9										
0067	088	10.9	20.9	1.06	0.92	0.99	0.85	34.4	15.7	07.8	6.08	350	015
0068	105	11.9	10.2	1.03	0.89	0.96	0.81	33.1	15.0	07.2	5.48	385	030
0069	113	10.4	17.5	1.01	0.89	0.98	0.87	33.3	15.0	08.2	6.25	458	023
0070	075	11.8	35.0	1.12	0.96	1.07	0.95	37.7	18.3	06.7	4.90	423	020
0071	079	12.2	31.9	1.19	1.00	1.15	0.91	45.8	21.2	06.3	3.83	507	035
0072	062	15.5	30.4	1.12	0.95	1.09	0.89	36.2	19.0	07.5	3.78	499	050
0073	064	13.9	35.6	1.17	0.94	1.17	1.00	33.5	16.7	07.7	4.50	456	027
0074	051	15.6	33.3	9.08	0.86	1.06	0.91	31.3	15.8	08.6	4.03	475	042
0075	053	15.3	36.5	1.10	0.89	1.07	0.92	32.1	15.2	08.7	4.78	431	024
0076	061	15.0	31.8	1.05	0.84	1.04	0.86	32.9	15.7	08.2	4.08	476	037
0078	057	14.7	33.9	1.14	0.92	1.12	0.94	33.2	16.0	07.7	3.83	503	042
0079	080	11.3	33.6	0.89	0.77	0.82	0.70	39.1	15.1	06.5	6.03	360	013
0080	054	16.9	23.9	1.34	1.05	1.27	0.99	36.4	21.5	08.7	3.35	573	069
0081	101	11.0	29.1	0.96	0.85	0.89	0.81	39.3	19.5	06.9	5.58	389	021
0082	076	11.5	32.4	1.00	0.87	0.93	0.81	35.5	18.4	08.6	5.45	391	020
0083	084	12.4	23.2	0.73	0.58	0.67	0.55	31.7			3.83	492	030
0084	062	12.7	30.5	1.08	0.89	0.98	0.82	40.3	20.7	07.4	4.58	440	027
0085	067	13.4	34.1	1.18	0.98	1.14	0.98	35.2	18.4	08.8	4.30	471	041
0086	141	13.0	26.1	0.93	0.74	0.87	0.73	31.7	17.4	08.6	5.35	410	020
0088	086	11.1	35.8	0.90	0.77	0.83	0.72	38.8	15.6	06.4	5.57	383	023



ID. NUMBERS			DESIGNATION	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0089		0100	SEA ISLAND TIPLESS	1	2	1	2	4
0090	29929	0100	DWARF I ORIGINAL	1	3	2	0	2
0091		0100	RED DWARF SIMPSON	2	3	3	0	2
0092		0100	CRENATE	1	1	2	0	2
0096		0100	SEA ISLAND VIRESCENT	3	2	1		4
0097	20695	0100	SUPER OKRA	1	3	2	0	2
0098	29989	0100	CLEVELAND SHORT SYMPODIA	1	3	2	0	2
0099	22029	0100	DECIDUOUS ORIGINAL	1	3	2	0	2
0100		0100	UPLAND CRINKLED DW RED PLANT	2	3	3	0	2
0101		0100	UPLAND CRINKLED DWARF MEADE	1	3	2	0	2
0102		0100	UPLAND CRINKLED DW TRIUMPH	1	3	2	0	2
0103		0100	RUGOSE INDORE	1	6	2	0	2
0105	29062	0100	HALF AND HALF	1	3	2	0	1
0107	29990	0100	HEARIN CLUSTER	1	3	2	0	2
0108	29991	0100	ACALA SHORT SYMPODIA	1	3	2	0	2
0109	22030	0100	DECIDUOUS GREEN LEAF	1	4	2	0	2
0110	29930	0100	DWARF I NANKEEN	1	3	2	0	2
0111	29992	0100	SHORT STAPLE NANKEEN (RED)	2	3	3	0	2
0112	29946	0100	TATE BROWN FUZZ	1	3	2	0	1
0113	29931	0100	RED DWARF HARRISON	2	3	3	0	2
0115	29932	0100	LINTLESS DUNLAVY	1		1	0	2
0116	29185	0100	WEST TEXAS ROUGH	1	3	1	0	1
0117	29961	0100	PILOSE	1	6	1	0	2
0118		0100	ACALA 1517-5-12 (HIGH WAX)	1	3	1	0	2
0121	29962	0100	BARBADENSE X HARKNESSII	1	3	1	0	2
0122		0100	G. DARWINII (NOT DARWINII)	1	3	1		1
0123	29993	0100	SUPER RED	4	3	3	0	2
0124	20696	0100	CLARKSVILLE LONG STAPLE	1	3	1	0	1
0125	20775	0100	BROWN 3-6-15 1	1	3	1	0	2
0126	29947	0100	BROWN 4-6-14 14	1	3	1	0	2
0127	20776	0100	BROWN 7-6-14 8	1	3	1	0	1
0128	30016	0100	CLEAN SEED BRAZIL	1	3	1	0	2
0130	20697	0100	CHACO	1	4	1	0	2
0131	20777	0100	V LT. BROWN LINT 6-6-15 6	1	3	1	0	2
0132	20778	0100	G. HIRSUTUM WARE 16	1	3	1	0	2
0133	26580	0100	GHIRSUTUM 8-6-15 20 WARE 17	1	3	1	0	3
0135	29186	0100	5 WILDS I S.I.P.I. SELTING	1	3	1	0	2
0136	20779	0100	G. HIRSUTUM WARE 11	1	3	1	0	1
0137	29933	0100	WARE 19 ABNORMAL LEAVES	1	3	1	0	1
0139	20780	0100	BROWN 5-6-15 5	1	3	1	0	2

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIPE	APFALD- METFD	
				UHM	MEAN	UHM	MEAN					A	D
0089	161	11.7	28.0	1.33	1.07	1.28	0.95	46.0	23.4	05.7	3.90	483	024
0090	061	14.0	27.5	1.23	0.95	1.21	0.96	29.9	16.5	09.1	4.05	492	041
0091	111	09.5	33.3	1.01	0.78	0.95	0.77	35.1	16.7	08.3	4.20	490	023
0092	125	10.8	33.7	1.07	0.86	1.05	0.91	37.3	20.2	08.0	4.65	446	022
0096													
0097	063	15.4	31.7	1.09	0.90	1.03	0.88	42.2	21.4	06.7	4.38	457	024
0098	068	11.6	33.1	1.12	0.97	1.05	0.89	28.0	15.2	10.1	4.70	452	032
0099	046	16.2	34.1	1.21	0.96	1.15	0.89	40.0	18.8	06.4	3.98	481	035
0100	140	10.6	14.8	0.90	0.65	0.88	0.68	29.4	12.2	07.9	2.50		
0101	082	14.5	27.8	1.25	0.94	1.23	1.04	39.5	21.4	08.0	4.30	463	046
0102				1.06	0.86	1.04	0.86	36.7	17.9	08.7	3.63	495	055
0103	116	10.5	27.3	1.07	0.92	1.04	0.91	39.5	19.5	08.0	5.08	415	023
0105	061	12.5	36.2	0.99	0.84	0.88	0.75	36.6	16.9	07.5	4.50	452	033
0107	071	12.7	32.5	1.04	0.86	0.96	0.81	39.5	16.4	06.2	4.95	424	024
0108	078	12.8	33.3	1.05	0.89	1.00	0.85	38.9	19.8	07.8	4.50	440	027
0109	107	10.0	29.1	0.85	0.74	0.80	0.69	31.8	10.6	10.3	5.60	386	012
0110	083	14.4	20.2	0.74	0.59	0.67	0.56	26.8			4.53	469	039
0111	131	10.5	09.9	0.62	0.48	0.49	0.42	10.9					
0112	077	13.5	35.4	1.06	0.85	1.04	0.98	37.8	19.6	07.3	4.05	471	038
0113	077	12.3	32.7	1.11	0.86	1.12	0.92	35.1	17.5	10.3	3.73	528	040
0115	086	12.2	26.3	0.96	0.81	0.90	0.78	34.3	16.9	08.7	4.88	438	031
0116	062	13.7	37.6	0.91	0.79	0.87	0.78	36.0	14.7	06.9	6.03	373	021
0117	071	14.0	32.0	0.96	0.78	0.88	0.72	31.9	15.0	08.8	4.18	467	044
0118	066	13.9	33.9	1.20	1.04	1.14	0.99	47.5	24.8	06.0	3.93	482	045
0121	072	16.5	23.2	1.23	0.93	1.16	0.83	44.4	24.6	07.6	2.55	669	086
0122	211	10.3	26.2	1.04	0.87	0.94	0.76	40.5	20.9	07.2	3.15	577	060
0123	100	10.4	35.8	1.01	0.76	0.92	0.66	36.1	15.0	07.6	3.08	580	070
0124	062	15.2	27.8	1.33	0.97	1.34	1.11	38.7	21.8	07.4	3.85	489	020
0125	080	12.0	28.4	0.90	0.68	0.82	0.62	33.6	16.9	07.8	3.58	521	074
0126	083	15.6	15.6	0.85	0.62	0.76	0.58	25.7					
0127	089	11.6	26.2	0.86	0.65	0.81	0.63	35.6	14.9	06.9	3.80	520	058
0128	110	11.7	08.9	1.18	1.04	1.11	0.91	32.2	17.8	08.6	5.15	411	030
0130	062	15.7	24.7	1.01	0.87	0.94	0.80	39.6	19.4	06.7	5.03	429	037
0131	089	13.5	16.5	0.87	0.59	0.85	0.61	32.8	17.2	08.0	2.63	665	006
0132	092	12.0	19.2	0.92	0.68	0.95	0.71	31.8	18.5	07.8	2.40		
0133	067	13.2	27.2	1.07	0.90	0.98	0.84	38.7	20.7	06.3	4.43	465	039
0135	059	15.2	32.7	1.26	1.00	1.26	1.02	38.4	19.6	06.6	4.20	475	041
0136	075	12.3	19.1	0.88	0.60	0.93	0.64	32.4	16.7	07.1			
0137	072	14.0	31.6	1.13	0.95	1.10	0.98	41.4	23.5	07.1	5.68	389	023
0139	088	13.7	16.8	0.82	0.60	0.75	0.58	31.7			3.13	592	067

ID. NUMBERS			DESIGNATION	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0140	20781	0100	GREEN 1-6-15 37	1		1	0	3
0141	29963	0100	RED 5-6-15 5	2	3	3	0	2
0142	29964	0100	DERINDEP RED T-156-4-3, POPE 52	2	4	3	0	2
0143		0100	MEXICAN NAKED UA 3-3	1	3	1	0	2
0144	30017	0100	SPARSE FUZZ	1	3	1	0	2
0145	26581	0100	GREER WICHITA-169-1203 POPE 36	1	3	2	0	2
0146	29934	0100	DWARF 1 R-D-G-CI	2	3	3	0	2
0147		0100	CRINKLED DWARF HOPI	1	3	2	0	2
0148	29098	0100	BIG BOLL TRIUMPH UA 8-20	1	4	2	0	2
0149	29090	0100	TUCUMAN 102 UA 4-6	1	4	2	0	2
0150	29005	0100	COLUMBIA U A 5-1	1	4	2	0	1
0151	22033	0100	U4, BULK W7, UA 8-4	1	5	2	0	2
0152	22034	0100	U4, BULK W8, UA 8-5	1	5	2	0	2
0153	29189	0100	U4, -78-3-5-2 UA 8-11	1	4	2	0	2
0155	29063	0100	HINDI WEED RA 8-24	1	3	2	0	2
0156	22035	0100	PERSON AMERICAN UA 7-39	1	5	2	0	2
0157	29190	0100	UA 7-9	1	3	2	0	2
0159	29100	0100	TIPO CHACO UA 4-4	1	4	2	0	2
0164	29065	0100	NARIAMA S.P. 88, UA 8-27	1	4	2	0	2
0165	22036	0100	M.U. 3 UA 7-41	1	5	2	0	2
0166		0100	M.U. 8B UA 7-44	1	6	2	0	2
0168		0100	U4, BULK W4, UA 8-2	1	4	2	0	2
0169	29191	0100	U4, BULK W5, UA 8-3	1	4	2	0	2
0170	22037	0100	KING, SPOT UA 2-3	1	3	2	2	2
0171	29935	0100	ACALA OKRA UA 2-4	1	4	2	0	3
0172	29936	0100	SUPER OKRA UA 2-5	1	3	2	0	2
0173		0100	DURANGO CLUSTER UA 2-6	1	3	2	0	2
0174		0100	VIRESCENT YELLOW UA 2-7	3	3	2	0	2
0175		0100	MEADE UA 2-8	1	3	2	0	2
0176		0100	TEXAS CLEAN SEED UA 8-10	1	3	2	2	2
0177		0100	ARKANSAS CLEAN SEED UA 8-12	1	3	2	0	2
0180	29192	0100	UPLAND UA 7-1	1	3	2	0	2
0182	29193	0100	UA 7-6	1	3	2	0	1
0183		0100	UA 7-10	1	4	2	0	2
0184	29194	0100	UA 7-14	1	3	2	0	2
0186	29067	0100	FELISTANA UA-7-18	1	4	2	0	2
0188	29195	0100	UA 7-20	1	4	2	0	2
0189	29196	0100	UA 7-21	1	4	2	0	1
0190		0100	UA 7-33, HIRSUTUM 111	1	5	2	0	1
0199	20698	0100	BEASLEYS HYBRID 49-0-4	1	4	2	0	2

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	APFALO- METER	
				UHM	MEAN	UHM	MEAN					A	D
0140	085	14.3	16.5	0.84	0.63	0.78	0.62	26.9	15.6	08.3	2.95	610	091
0141	071	12.2	31.5	1.09	0.93	1.02	0.86	39.9	19.9	06.8	4.25	467	037
0142	080	12.8	34.7	1.03	0.92	0.96	0.86	39.4	17.3	05.9	6.50	345	025
0143	068	15.1	25.6	1.01	0.88	0.95	0.83	28.9	14.3	09.1	4.58	444	046
0144	087	12.9	25.1	1.07	0.91	1.03	0.89	38.7	17.3	06.7	4.78	430	036
0145	056	17.1	26.2	1.42	1.15	1.39	1.13	39.9	22.8	07.9	3.18	597	048
0146	110	10.5	13.0	1.06	0.73	1.17	0.87	29.1	15.4	08.9	2.68	639	098
0147	138	10.7	17.2	1.09	0.90	1.06	0.92	37.3	22.2	08.9	4.48	464	042
0148	072	13.8	34.0	1.05	0.86	1.03	0.88	38.4	18.2	06.8	5.35	409	021
0149	100	10.9	26.8	1.16	0.97	1.13	0.92	38.2	18.1	06.1	4.15	467	045
0150	081	12.0	33.8	0.99	0.83	0.88	0.76	33.7	18.5	06.2	4.37	461	027
0151	113	09.6	26.1	1.02	0.87	0.99	0.82	40.0	19.7	07.1	3.40	557	055
0152	118	10.0	28.3	1.05	0.91	1.05	0.91	38.3	18.9	06.8	4.03	496	045
0153	102	09.6	31.6	1.10	0.92	1.08	0.92	34.2	17.0	07.9	4.10	471	048
0155	091	10.8	32.1	1.13	0.98	1.04	0.89	34.3	17.5	08.0	5.08	427	028
0156	085	11.1	32.7	1.05	0.88	0.97	0.80	35.8	17.1	06.1	4.18	494	040
0157	078	12.2	25.8	0.92	0.81	0.88	0.78	31.5	15.9	08.2	5.30	409	022
0159	066	13.9	26.1	0.98	0.84	0.96	0.83	32.4	18.1	08.6	4.03	495	036
0164	068	13.0	24.9	1.26	1.05	1.22	0.98	42.2	21.8	06.3	3.40	553	059
0165	106	12.9		0.88	0.76	0.81	0.71	42.7	18.9	07.5	6.33	359	014
0166	092	09.8	28.6	0.91	0.80	0.84	0.73	39.3	19.5	07.2	4.13	483	026
0168	073	11.6	29.1										
0169	079	15.2	23.6	1.25	1.01	1.21	0.97	41.3	21.1	06.2	3.78	518	037
0170	108	10.5	29.6	0.85	0.75	0.78	0.68	41.9	19.0	07.1	5.88	374	021
0171	066	15.7	24.1	1.08	0.90	1.07	0.94	39.7	20.8	07.0	4.63	448	027
0172	081	11.3	30.7	1.02	0.80	0.99	0.81	38.2	18.4	07.3	5.48	406	021
0173	096	11.8	31.0	1.21	1.00	1.17	0.92	35.2	18.6	07.0	4.23	464	033
0174	058	14.7	35.6	1.07	0.91	1.01	0.81	33.0	15.9	07.4	4.55	450	035
0175	088	14.4	22.9	1.39	1.16	1.34	0.89	37.5	21.0	07.5	3.23	591	059
0176		10.6											
0177	097	11.3	03.8										
0180	067	14.2	32.3	0.95	0.83	0.92	0.82	32.5	16.9	08.2	5.50	396	016
0182	095	13.6	28.3	1.02	0.89	1.00	0.87	29.1	14.6	08.5	4.90	435	032
0183	104	12.7	30.2	1.07	0.93	1.05	0.90	44.2	19.5	05.6	5.08	416	023
0184	076	12.7	33.5	1.18	0.94	1.17	0.88	43.2	21.4	07.4	3.78	508	040
0186	070	12.0	30.8	0.98	0.81	0.91	0.78	36.9	16.9	06.8	4.88	433	029
0188	080	12.2	25.8	1.22	1.02	1.20	1.05	33.8	19.0	09.1	3.70	500	039
0189	071	13.6	23.8	1.18	0.92	1.18	0.95	36.3	19.9	08.6	3.63	537	064
0190	131	10.2	21.8	0.92	0.79	0.90	0.77	37.7	18.1	07.7	3.73	520	039
0199	065	12.8	33.1	1.26	1.00	1.22	0.94	39.3	20.5	06.9	3.65	504	049

ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0201		0100	FREGO	1	3	2	0	2
0202	26582	0100	MARSHALL	1	3	2	0	2
0203		0100	G. BARBADENSE TASHENT	1	3	5	3	4
0208	20782	0100	G. HIRSUTUM TASHKENT	1	5	2	0	2
0209	20783	0100	NEELY 531C SMALL BOLL	1	3	2	0	2
0210		0100	LAFFERY BROWN LINT	1	4	2	0	2
0214	28970	0100	ACALA 911 EXPOSED	1	3	2	0	2
0216	26583	0100	K3108 (NAVROTSKY)	1	3	2	0	2
0217	29068	0100	K 3103	1	5	2	0	2
0220	29994	0100	K-2102 VAR. 182 AK-DJURA	5	5	3	0	2
0221		0100	K2264	1	3	2	0	2
0223	26584	0100	K3112, 915 PIONEER	1	3			2
0225	29069	0100	K3129, 8517	1	3	2	0	2
0227	26585	0100	DELTATYPE WEBBER 2139	1	3	2	0	2
0229	29937	0100	LACINIATE LEAF	1	3	2	0	2
0230	28971	0100	ACALA 1-13-3-1	1	2	2	0	2
0232	20699	0100	P22-10-15	1	2	2	0	2
0233	30018	0100	ACALA MEXICAN LINTLESS	1	3	2	0	2
0234	28972	0100	ACALA NUNN'S 5-37	1	2	2	0	2
0236	28973	0100	ACALA MORRELL	1	2	2	0	2
0237	20700	0100	ACALA SHAFFER STATION	1	3	2	0	3
0238	20701	0100	ACALA 1064 (NEW MEXICO)	1	2	2	0	2
0239	28974	0100	ACALA 1517 (NEW MEXICO)	1	2	2	0	2
0240	29995	0100	ACALA RED OKRA	2	3	3	0	2
0241	30019	0100	ACALA NAKED SEED	1	3	2	0	2
0243		0100	BALLARD NAKED SEED	1	2	2	0	2
0245	30020	0100	CLEVEWILT 6 NAKED SEED	1	3	2	0	2
0246	26586	0100	CLEVELAND 54	1	4	2	0	2
0248	29006	0100	COKER'S CLEVELAND 5-2	1	3	2	0	1
0250	26587	0100	COKER'S CLEVELAND 884	1	3	2	0	2
0252	26588	0100	COKER'S 100	1	3	2	0	2
0253	26589	0100	COKER'S CLEVEWILT 3	1	3	2	0	2
0254		0100	COKER'S 4 IN 1	1	3	2	0	2
0255		0100	COKER'S DELTATYPE WEBBER 9	1	3	2	0	1
0257	26590	0100	COKER'S DELTATYPE WEBBER 7	1	3	2	0	1
0259	29070	0100	COKER'S FOSTER 300	1	3	2	0	1
0260	29101	0100	COKER'S SUPER SEVEN 4	1	4	2	0	3
0261	29102	0100	COKER'S SUPER SEVEN 5	1	3	2	0	2
0263	29197	0100	COKER'S WILDS 5	1	3	2	0	2
0264	29198	0100	COKER'S WILDS 4	1	3	2	0	2

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	APFALO- METER	
				UHM	MEAN	UHM	MEAN					A	D
0201	063	13.4	32.5	1.15	0.93	1.09	0.86	38.1	18.6	05.9	4.35	461	027
0202	068	13.8	29.3	1.38	1.09	1.36	1.12	31.5	18.7	10.3	4.23	488	045
0203	200	11.8	28.1	0.93	0.73	0.86	0.71	32.3	17.2	11.7	4.95	432	016
0208	077	15.6	20.8	0.91	0.68	0.84	0.66	36.2	18.6	06.4	4.23	478	033
0209	077	11.2	29.9	1.15	1.00	1.09	0.96	33.9	18.8	08.5	4.33	472	037
0210													
0214	068	13.5	31.4	1.31	1.05	1.25	0.96	41.9	20.6	06.1	3.90	506	050
0216	074	14.0	24.8	1.10	0.93	1.03	0.90	33.0	18.1	08.9	5.53	412	022
0217	076	12.0	29.0	1.15	0.88	1.14	1.00	36.7	17.1	05.9	4.63	453	030
0220	101	11.4	31.8	1.15	0.97	1.04	0.93	41.2	20.9	05.7	4.38	465	024
0221	063	13.3	31.4	1.20	0.93	1.18	0.91	37.5	19.4	06.4	3.53	547	055
0223	089	10.8	29.2	1.06	0.80	1.04	0.82	40.0	16.8	05.3	4.23	478	034
0225	062	12.8	37.4	1.10	0.89	1.07	0.92	36.0	18.9	08.1	4.40	473	037
0227	057	15.9	30.0	1.30	0.98	1.31	1.04	41.1	21.1	06.6	3.80	514	038
0229	060	15.9	29.7	1.19	0.91	1.16	0.95	33.3	17.3	08.8	4.53	454	030
0230	063	14.5	31.6	1.18	1.00	1.15	0.98	38.3	19.1	07.0	4.08	471	026
0232	057	12.7	33.7	1.21	1.03	1.12	0.93	32.9	18.7	09.0	3.48	519	049
0233	077	12.9	20.2	1.19	0.99	1.15	0.96	36.4	18.4	06.5	4.53	452	030
0234	077	12.0	34.5	1.01	0.84	0.93	0.80	36.7	18.0	07.2	5.28	400	026
0236	051	14.1	36.3	1.18	0.92	1.15	0.99	34.1	18.3	10.2	3.98	478	036
0237	052	15.1	33.9	1.25	0.97	1.24	0.98	35.7	19.2	08.5	3.90	482	047
0238	049	16.1	29.8	1.33	1.10	1.27	1.04	35.6	21.3	07.9	3.80	512	050
0239	054	13.7	32.7	1.31	1.06	1.24	1.03	43.5	23.4	05.8	3.65	537	046
0240	088	10.6	30.5	1.03	0.90	0.98	0.81	41.0	20.7	07.5	3.70	511	040
0241	068	13.7	26.1	1.20	1.04	1.14	0.98	37.3	18.4	07.7	4.68	429	040
0243	076	13.7	11.4	1.15	0.97	1.08	0.89	32.5	14.9	06.8	5.25	403	015
0245	072	12.4	33.8	1.19	1.01	1.13	0.91	34.6	18.3	07.6	4.03	495	033
0246	060	14.7	36.0	1.10	0.93	1.02	0.89	32.4	17.3	09.5	5.78	401	022
0248	074	12.1	34.8	1.11	0.86	1.05	0.86	37.2	18.4	07.3	4.18	461	024
0250	063	14.1	32.3	1.18	0.98	1.15	0.96	34.1	19.3	09.1	4.33	462	024
0252	080	12.4	29.6	1.19	0.98	1.12	0.92	38.4	21.1	08.0	3.88	497	043
0253	072	13.0	31.9	1.15	0.96	1.06	0.88	37.8	21.7	07.6	4.15	464	023
0254	066	15.4	31.5	1.21	0.97	1.16	0.93	36.8	19.0	07.0	4.03	485	044
0255	062	14.6	28.2	1.23	0.93	1.21	0.96	41.5	22.7	07.3	3.10	580	065
0257	064	14.0	26.5	1.19	0.84	1.21	0.95	39.4	21.7	07.6	2.73	639	077
0259	066	12.7	31.2	1.24	1.05	1.15	0.99	31.4	17.4	09.1	4.48	479	021
0260	073	13.6	27.3	1.20	0.96	1.19	0.98	37.3	20.0	07.6	3.78	508	043
0261	081	12.3	26.1	1.23	1.05	1.21	1.00	34.1	19.4	08.4	3.78	527	051
0263	063	15.1	27.8	1.43	1.20	1.41	1.21	37.9	21.6	07.9	3.88	515	047
0264	064	15.0	31.3	1.25	1.04	1.25	1.04	36.7	19.5	08.2	4.35	485	031

ID. NUMBERS			DESIGNATION	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0265	29199	0100	COKER'S WILDS 2	1	3	2	0	2
0269	26591	0100	COOKS 144-68	1	4	2	0	2
0271	29007	0100	DELTATYPE WEBBER 4	1	3	2	0	1
0272	26592	0100	DIXIE 14-5-2	1	4	2	0	2
0275	29008	0100	EWINGS LONG STAPLE	1	3	2	0	2
0277	29071	0100	HOLDEN 4	1	3	2	0	2
0278	26593	0100	HARTSVILLE 5	1	3	2	0	1
0279	29072	0100	HARTSVILLE (TUSCON)	1	3	2	0	3
0280	22038	0100	KEKCHI	1	3	2	0	2
0281		0100	HOPI MOENCOPI	1	3	2	0	2
0282	29073	0100	LONE STAR	1	2	2	0	2
0288	29074	0100	PARIS BIG ROLL	1	3	2	0	2
0289	29103	0100	PATTY'S TOOLE	1	3	2	0	2
0290	29104	0100	SIKES W.R. STAPLE	1	3	2	0	2
0291	29105	0100	SIKES 38-6	1	4	2	0	2
0292	29106	0100	TIDEWATER 4	1	3	2	0	2
0293	29107	0100	TIDEWATER (SEABROOKS)	1	1	2	0	2
0294	29009	0100	WANNAMAKER'S DIXIE TRIUMPH	1	3	2	0	2
0295	29108	0100	TOOLE PERRY	1	3	2	0	2
0296		0100	WANNAMAKER'S CLEVELAND W.R.	1	3	2	0	2
0297	29200	0100	WANNAMAKERS EARLY WILT	1	3	2	0	2
0298	29201	0100	WANNAMAKERS WONDER WILT	1	4	2	0	2
0299	29109	0100	TEXAS SPECIAL	1	3	2	0	2
0300	29110	0100	ROWDEN 2	1	3	2	0	2
0302	29111	0100	ROWDEN 3	1	3	2	0	2
0303	29112	0100	ROWDEN 3-7	1	3	2	0	2
0304	29113	0100	ROWDEN 13	1	3	2	0	2
0308	29114	0100	STONEVILLE 2B (ORIGINAL)	1	3	2	0	2
0309	22039	0100	DELFO'S (ORIGINAL)	1	3	2	0	2
0310	22011	0100	DELFO'S 351C	1	4	2	0	2
0311	20702	0100	AMBASSADOR (4B6)	1	3	2	0	2
0312	22040	0100	STONEVILLE 5A	1	3	2	0	1
0313	29116	0100	STONEVILLE 2C (ORIGINAL)	1	3	2	0	2
0314	29202	0100	WASHINGTON (719-286)	1	4	2	0	2
0317	26594	0100	COKER 100 STR. 9	1	3	2	0	2
0319	20703	0100	BOBSHAW 1	1	3	2	0	2
0320	20704	0100	BOBSHAW 1-819	1	3	2	0	2
0321	20705	0100	BOBSHAW 33	1	3	2	0	2
0323	20706	0100	BOBSHAW 948	1	4	2	0	2
0324	28975	0100	BOBSHAW 0339	1	3	2	0	3

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	F1	MICRO- NAIRE	AREALO- METER	
				UHM	MEAN	UHM	MEAN					A	D
0265	067	14.6	31.9	1.30	1.08	1.27	1.06	36.8	19.5	08.0	4.43	473	029
0269	067	13.3	31.8	1.20	1.02	1.11	0.93	43.7	22.8	05.5	5.35	412	023
0271	070	14.2	24.9	1.24	0.91	1.21	0.95	41.1	23.7	07.2	3.03	616	065
0272	067	12.7	30.1	1.15	0.87	1.09	0.86	34.4	16.8	08.0	4.55	451	032
0275	059	13.5	27.9	1.37	1.06	1.34	1.09	37.4	20.3	07.4	3.80	519	046
0277	057	15.3	26.1	1.26	1.06	1.22	1.01	41.8	21.8	06.0	3.60	532	051
0278	064	16.1	26.9	1.26	1.08	1.20	1.01	37.5	19.2	06.4	4.05	479	036
0279	059	15.6	27.7	1.19	1.03	1.12	0.99	38.6	20.4	07.1	4.48	453	033
0280	056	15.1	33.5	1.18	0.96	1.17	1.01	37.1	18.8	07.0	3.90	493	038
0281	133	10.4	25.0	1.02	0.85	0.98	0.83	31.8	18.4	12.0	3.53	557	035
0282	058	14.8	32.9	1.23	1.01	1.16	0.92	27.7	16.5	11.1	3.55	543	057
0288	059	15.6	33.4	1.11	0.95	1.06	0.90	32.6	17.1	08.0	4.08	483	045
0289	071	12.1	28.7	1.07	0.94	1.01	0.89	34.2	17.7	06.8	6.03	369	013
0290	059	14.7	32.1	1.20	0.94	1.17	0.96	34.3	17.9	08.6	4.05	493	035
0291	063	14.1	31.7	1.24	1.00	1.20	0.96	35.9	19.7	08.2	3.98	502	038
0292	062	15.5	28.2	1.21	1.04	1.18	1.02	39.1	22.0	06.6	3.85	511	035
0293	062	16.3	25.2	1.34	1.02	1.38	1.06	42.0	26.9	07.0	3.05	537	066
0294	059	18.7	27.5	1.17	0.88	1.17	1.00	39.1	18.5	07.3	3.95	488	035
0295	077	12.6	34.6	0.94	0.83	0.88	0.77	36.8	17.4	06.8	5.92	371	023
0296	063	13.2	30.4	1.04	0.89	0.95	0.82	33.4	17.6	07.4	5.53	405	016
0297	077	13.7	33.0	1.06	0.86	1.07	0.91	31.8	14.3	08.2	4.75	445	030
0298	062	15.3	29.6	1.15	0.89	1.14	0.99	34.7	16.8	07.8	4.65	459	036
0299	059	12.6	34.8	1.09	0.92	1.06	0.92	29.9	15.2	08.9	5.23	418	024
0300	051	15.7	30.3	1.16	0.98	1.10	0.95	35.9	18.7	07.1	5.33	403	026
0302	059	14.8	32.6	1.10	0.92	1.05	0.90	33.0	16.9	08.6	5.32	408	032
0303	055	15.5	31.5	1.13	0.98	1.04	0.89	36.0	18.1	07.7	5.53	405	025
0304	048	16.2	31.7	1.15	0.97	1.12	0.90	36.0	19.9	06.7	4.33	461	026
0308	061	14.3	31.4	1.19	0.93	1.16	0.92	39.5	19.0	06.6	3.83	501	047
0309	061	13.2	32.0	1.14	0.83	1.16	0.95	38.1	19.5	07.0	3.75	508	035
0310	074	12.2	30.1	1.22	0.91	1.18	0.92	33.9	20.3	07.8	3.65	511	046
0311	049	16.8	30.0	1.20	1.01	1.14	0.97	37.6	19.3	06.3	4.93	440	027
0312	068	12.0	33.7	1.12	0.94	1.08	0.91	34.6	17.2	06.1	4.05	485	045
0313	056	14.6	31.6	1.21	0.94	1.18	0.94	38.1	17.8	06.6	3.68	520	046
0314	051	14.2	34.2	1.15	0.93	1.14	0.97	41.8	18.4	06.2	4.40	461	022
0317	074	11.8	33.5	1.19	0.94	1.14	0.86	38.7	21.9	07.5	3.40	557	041
0319	059	20.8	32.8	1.18	0.96	1.12	0.98	38.7	18.4	05.8	5.20	409	024
0320	054	15.9	29.4	1.22	0.89	1.20	0.95	39.0	19.6	06.4	3.85	482	040
0321	068	12.4	33.3	1.13	0.83	1.10	0.92	41.3	20.2	05.9	4.08	466	035
0323	066	12.9	32.4	1.17	0.97	1.12	0.96	39.7	20.7	05.4	4.68	441	029
0324	073	11.3	33.9	1.13	0.98	1.09	0.95	38.4	19.3	06.0	4.48	451	029



ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S. A.	FT.	SP. &		1	2	3	4	5
NO.	COLLINS	RACE						
0325	20707	0100	BOBSHAW 31	1	3	2	0	2
0326	20708	0100	BOBSHAW 454	1	3	2	0	2
0327	20709	0100	BOBDEL	1	3	2	0	1
0331	29117	0100	SMITH'S 78	1	3	2	0	2
0332	29118	0100	STONEVILLE 20	1	4	2	0	1
0333	22041	0100	UGANDA B31	1	4	2	0	2
0334	29119	0100	STONEVILLE (20X4)	1	3	2	0	1
0335	28976	0100	ACALA 5675	1	3	2	0	1
0336	26595	0100	COKER 33-12	1	3	2	0	2
0337	26596	0100	DELFOS 719	1	3	2	0	2
0338	29120	0100	TRICE 710	1	3	2	0	1
0342	22042	0100	TRICE 2A	1	3	2	0	2
0343	26597	0100	COBAL T 16	1	4	2	0	1
0344	26598	0100	COBAL T 11	1	4	2	0	1
0345	29122	0100	STATION 21	1	3	2	0	2
0346	29123	0100	STATION C 42	1	3	2	0	2
0347	26599	0100	PANDORA	1	3	2	0	2
0348	26600	0100	WATSON'S DIXIE TRIUMPH	1	3	2	0	2
0350		0100	ROWDEN 2088-2-10-1	1	3	2	0	2
0351	29124	0100	ROWDEN 40-5-3-1-2	1	3	2	0	2
0353	29125	0100	ROWDEN 2088	1	3	2	0	2
0354	29126	0100	STONEVILLE 48	1	4	2	0	2
0356	29075	0100	FARM RELIEF	1	3	2	0	2
0357	22043	0100	MEXICAN B.B.	1	3	2	0	3
0358	29076	0100	MEXICAN	1	3	2	0	1
0360	20785	0100	FLORIDA GREEN SEED	1	3	2	0	2
0363	26601	0100	COKER 200-1-3-3	1	4	2	0	2
0365	29077	0100	HART	1	3	2	0	2
0366	26602	0100	PIEDMONT CLEVELAND 2-1	1	3	2	0	1
0368		0100	DELFOS A2 C3	1	3	2	0	2
0369		0100	D AND PL 10-1	1	4	2	0	2
0370	29012	0100	D AND PL 10-2	1	4	2	0	2
0372	26603	0100	D AND PL 4-8	1	3	2	0	2
0373	22044	0100	EXPRESS 432	1	3	2	0	2
0375	26604	0100	COKER'S 5-8 PL. 6	1	3	2	0	1
0378	29127	0100	STONEVILLE X HOPI 11-1-1-4	1	3	4	0	2
0379	29128	0100	STONEVILLE X HOPI 11-1-1-6	1	4	1	0	2
0380	29129	0100	STONEVILLE X HOPI 12-1-2-1	1	3	2	0	2
0381	29078	0100	MEADE9-1 PI.1	1	3	2	0	2
0383	29130	0100	ROXE 2-4-2-5-4	1	3	2	0	2

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	AREALO- METER	
				UHM	MEAN	UHM	MEAN					A	D
0325	066	12.6	33.2	1.13	0.91	1.07	0.93	37.7	18.3	06.9	4.58	436	035
0326	060	13.8	34.3	1.16	0.88	1.12	0.94	38.3	18.5	06.3	4.75	450	027
0327	059	15.1	29.0	1.25	0.90	1.23	0.98	45.8	23.0	06.2	3.93	484	026
0331	057	14.9	34.2	1.20	0.96	1.15	0.98	39.7	19.8	06.5	4.75	437	027
0332	068	13.6	33.0	1.16	0.96	1.13	0.92	33.5	18.0	08.1	4.13	501	037
0333	559		26.0										
0334	062	13.6	34.8	1.17	1.00	1.14	0.96	32.6	17.6	08.2	4.38	467	032
0335	066	15.8	34.1	1.25	1.02	1.20	0.95	43.0	24.0	06.3	3.88	492	035
0336	075	12.2	33.1	1.20	0.96	1.16	0.90	37.2	19.3	07.2	3.98	496	026
0337	060	15.2	33.1	1.26	1.01	1.23	1.00	37.4	19.8	06.5	4.60	441	040
0338	070	13.4	29.2	1.15	0.94	1.11	0.91	36.7	17.8	06.4	4.35	474	037
0342	060	14.1	30.1	1.11	0.92	1.08	0.93	32.4	18.0	08.5	3.80	494	056
0343	055	13.4	33.4	1.16	0.96	1.08	0.88	38.8	20.9	07.0	4.05	484	035
0344	055	15.6	33.4	1.26	1.05	1.20	1.01	41.9	22.6	06.2	3.98	475	035
0345	056	15.6	29.5	1.29	1.00	1.25	0.91	41.6	19.4	05.7	4.25	471	035
0346	067	14.6	32.1	1.22	0.97	1.20	1.03	34.6	18.1	08.5	4.65	456	036
0347	062	12.6	31.8	1.19	0.98	1.13	0.91	42.5	20.5	05.5	3.98	497	038
0348	081	10.6	29.0	1.11	0.84	1.07	0.90	33.8	16.3	07.8	4.28	480	042
0350	087	10.8	32.4	1.12	0.97	1.05	0.93	32.9	17.3	08.7	5.75	392	019
0351	057	14.8	27.1	1.14	0.99	1.09	0.95	30.8	17.2	09.7	4.85	445	047
0353	053	15.7	32.1	1.11	0.98	1.05	0.93	38.3	20.5	06.9	5.38	409	021
0354	054	17.9	32.3	1.12	0.92	1.05	0.88	42.5	20.5	06.1	4.68	445	026
0356	063	13.6	34.3	1.24	1.03	1.17	0.93	35.2	18.7	08.2	4.33	474	043
0357	053	15.6	32.2	1.13	0.97	1.06	0.91	37.5	19.1	06.9	4.82	435	021
0358	063	14.3	30.0	1.14	0.95	1.09	0.91	37.6	20.8	06.3	4.83	448	028
0360	068	15.6	27.5	1.13	0.92	1.12	0.94	43.4	24.4	05.7	4.33	460	031
0363	073	12.3	33.9	1.19	0.95	1.14	0.92	33.8	18.3	07.6	4.00	495	029
0365	064	14.3	36.8	1.20	0.94	1.15	0.93	40.2	17.3	06.4	4.93	426	024
0366	087	11.3	35.0	1.19	0.94	1.15	0.95	37.1	20.8	07.8	3.83	476	040
0368	085	11.1	34.9	1.15	0.96	1.01	0.86	37.4	20.7	07.8	4.00	485	052
0369	068	13.4	34.7	1.12	0.94	1.04	0.87	36.5	18.8	08.1	4.58	454	039
0370	070	12.9	35.4	1.13	0.92	1.06	0.90	35.8	17.9	08.0	4.33	457	039
0372	077	09.9	35.2	1.16	0.96	1.12	0.95	32.4	16.1	07.3	4.48	462	024
0373	079	12.9	32.5	1.15	0.86	1.12	0.89	39.8	18.0	06.8	4.75	438	033
0375	065	12.4	31.4	1.25	0.99	1.22	0.97	36.1	21.3	08.3	3.93	489	034
0378	086	12.5	33.1	1.16	0.89	1.14	0.95	37.9	21.8	07.0	4.23	486	042
0379	103	18.8		1.19	0.97	1.19	1.05	36.6	21.4	08.0	4.28	471	036
0380	066	14.0	36.2	1.16	0.97	1.14	0.96	34.6	18.1	06.1	4.75	442	024
0381	079	12.0	25.4	1.37	1.05	1.36	0.97	37.2	20.5	07.8	3.33	573	056
0383	067	15.4	30.2	1.28	1.12	1.24	1.08	37.3	21.1	07.8	4.75	441	025

ID. NUMBERS		SP. & RACE	D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS			1	2	3	4	5
0384		0100	UGANDA 4 PI. 1	1	4	2	0	1
0385		0100	UGANDA 4 PI. 3	1	4	2	0	1
0386	29203	0100	WACONA PI, 1	1	3	2	0	2
0387	29204	0100	WACONA PI 2	1	3	2	0	2
0388	26605	0100	PUNJAB	1	3	2	0	1
0389	20710	0100	ACALA 911 P1-1	1	3	2	0	2
0391	26606	0100	MISSOEL 6 PL. 1	1	3	2	0	1
0394	29131	0100	SELECTION 21 PI. 2	1	3	2	0	1
0395	22045	0100	DELTATYPE WEBBER	1	3	2	0	2
0396	22046	0100	SUPER ROUND	1	1	2	0	1
0397	22047	0100	CRENATE	1	1	2	0	1
0398	22048	0100	OKRA ROUND	1	1	2	0	1
0399	29132	0100	SUPER SAM	1	3	2	0	1
0400	28977	0100	CARTER LONG STAPLE	1	3	2	0	1
0401	29133	0100	STONEWILT	1	3	2	0	1
0402	29134	0100	SUPER 7	1	4	2	0	1
0404	20711	0100	AHA X C 100W X C 100W	1	3	2	0	1
0405	29015	0100	EWING LONG STAPLEXTIDEWATER	1	3	2	0	1
0408	29135	0100	SEALAND 391	1	3	2	0	1
0409		0100	TIDEWATER F 372-4	1	3	2	0	2
0410	29136	0100	SEALAND 472	1	3	2	0	2
0411	29137	0100	SEALAND 542	1	3	2	0	2
0412	29138	0100	ROWDEN 40-80-8	1	3	2	0	2
0414	26607	0100	DELTAPINE 11A B1-3	1	3	2	0	2
0415	29016	0100	DELTAPINE 11A B1-5	1	4	2	0	2
0416	26608	0100	DELTAPINE 11A B1-6	1	3	2	0	2
0417	26609	0100	DELTAPINE 11A B6-3	1	3	2	0	2
0420	29017	0100	DELTAPINE 11A B10-20	1	4	2	0	2
0421		0100	MEXICAN ACALA CLEAN SEED	1	3	2	0	2
0422	29079	0100	KING 82	1	4	2	2	2
0424	22049	0100	HOPI M5-11	1	3	4	0	2
0427	26610	0100	HARTSVILLE	1	3	2	0	1
0428	29996	0100	CARVER 8 RED PLANT	2	3	3	0	2
0429	26611	0100	COLUMBIA	1	4	2	0	1
0430		0100	ACALA X HOPI 302-29	1	2	6	0	2
0431	28978	0100	ACALA X HOPI 302-22	1	3	6	0	3
0432		0100	ACALA X HOPI 76-18-13	1	3			
0433	20712	0100	ACALA X HOPI 76-18-8	1	3	2	0	2
0434	20713	0100	CAIA X HOPI 76-15-5	1	3	4	0	2
0435	22050	0100	CB 2046	1	3	2	0	1

S. A. NO.	BOLL SIZE	SEED INO.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	AREA D- METEP	
				UHM	MEAN	UHM	MEAN					A	D
0384	076	13.1	25.9	1.23	1.00	1.24	1.02	42.1	19.8	06.6	3.95	500	044
0385	086	12.4	27.1	1.24	0.98	1.25	0.97	40.5	21.2	06.6	4.23	493	037
0386	054	15.0	35.2	1.05	0.87	1.01	0.87	34.4	15.6	08.0	5.53	399	020
0387	048	17.3	34.6	0.99	0.81	0.97	0.85	33.0	16.0	08.1	5.05	415	032
0388	071	12.3	32.1	1.14	0.95	1.06	0.83	35.3	18.0	06.1	4.30	482	036
0389	051	15.3	30.3	1.36	1.11	1.32	1.00	41.1	24.2	05.7	3.35	560	058
0391	065	13.4	32.1	1.17	0.92	1.11	0.89	35.7	17.8	06.6	4.28	468	041
0394	056	12.3	34.0	1.10	0.87	1.09	0.90	37.6	18.3	06.8	4.18	473	038
0395	058	14.3	29.0	1.19	0.95	1.11	0.94	41.1	21.8	06.4	4.55	455	033
0396	102	11.1	34.9	1.12	0.91	1.06	0.88	35.3	17.2	06.8	5.50	378	021
0397	097	10.3	34.5	1.08	0.82	1.01	0.81	35.4	16.3	06.7	5.63	378	019
0398	089	11.5	32.9	1.11	0.89	1.08	0.89	37.1	15.8	06.5	5.58	390	015
0399	060	14.5	31.3	1.26	1.08	1.23	1.01	37.2	20.3	08.3	3.38	548	050
0400	062	13.7	32.4	1.24	1.05	1.16	0.97	40.6	22.1	07.1	4.13	466	025
0401	069	12.3	33.6	1.15	0.99	1.10	0.95	33.8	18.4	08.4	4.40	466	018
0402	055	14.1	31.1	1.12	0.90	1.09	0.93	31.0	15.0	08.8	4.80	455	031
0404	063	13.5	31.5	1.22	0.99	1.15	0.95	34.4	17.8	07.8	4.13	492	041
0405	062	13.4	28.1	1.43	1.03	1.39	1.06	39.5	24.2	07.2	3.53	539	049
0408	071	14.3	29.0	1.43	1.02	1.41	0.97	39.4	23.2	07.9	3.45	556	055
0409	062	16.6	24.2	1.32	0.96	1.42	1.08	37.0	21.1	07.4	3.03	592	071
0410	060	17.5	26.7	1.43	1.04	1.41	1.02	41.5	23.5	07.6	3.33	570	053
0411	063	16.5	29.4	1.38	0.99	1.38	0.98	40.1	23.9	06.7	3.65	524	051
0412	051	15.6	32.3	1.12	0.98	1.06	0.93	37.7	18.8	07.5	5.05	429	030
0414	070	12.4	36.1	1.09	0.81	1.04	0.82	34.9	15.6	08.6	4.03	484	042
0415	071	12.2	34.1	1.17	0.91	1.13	0.95	33.9	18.3	08.5	4.08	485	051
0416	063	12.4	34.8	1.19	0.96	1.11	0.86	35.6	18.9	09.5	3.45	543	049
0417	082	10.5	36.5	1.20	0.91	1.18	0.94	35.9	19.2	08.6	3.80	501	036
0420	079	12.2	35.1	1.15	0.88	1.12	0.94	36.4	19.4	08.6	4.00	489	047
0421	131	13.6	06.4										
0422	095	10.2	27.8	0.92	0.82	0.84	0.74	37.2	17.9	06.3	5.43	412	026
0424	095	12.7	26.0	1.11	0.90	1.05	0.83	37.5	18.6	07.2	3.13	585	059
0427	053	16.1	26.7	1.29	1.06	1.24	1.05	41.3	21.4	06.0	4.23	478	027
0428	081	11.5	29.6	1.04	0.90	0.95	0.81	38.0	18.2	07.0	3.95	492	042
0429	063	16.3	23.4	1.28	1.00	1.21	0.91	35.6	21.9	05.7	3.55	539	047
0430	097	11.4	33.9	1.16	0.92	1.05	0.81	39.0	20.1	07.9	3.83	479	052
0431	119	09.7	31.9	1.15	0.95	1.08	0.96	37.5	22.3	09.3	4.33	461	039
0432													
0433	092	13.8	28.5	1.09	0.92	1.03	0.90	38.0	22.1	07.2	4.20	462	032
0434	080	14.4	27.7	1.07	0.93	1.00	0.90	39.3	24.3	06.2	5.23	393	015
0435	043	17.4	31.3	1.08	0.91	1.04	0.92	36.1	18.2	08.1	4.93	426	025

ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0436	29139	0100	STONEVILLE 014	1	3	2	0	2
0437	29140	0100	STONEVILLE 2	1	3	2	0	2
0438	29141	0100	STONEVILLE A	1	3	2	0	2
0439		0100	STONEVILLE 58	1	4	2	0	2
0440	22051	0100	CB 2047	1	4	2	0	1
0442	20714	0100	ACALA YOUNG'S	1	2	2	0	2
0443	20786	0100	ACALA OKRA	1	3	2	0	2
0445	20715	0100	ACALA N 28-5	1	2	2	0	2
0447	28979	0100	ACALA 1517 WILT	1	2	2	0	2
0449	20716	0100	ARKANSAS 17	1	3	2	0	2
0450	26612	0100	COKER 100 STAPLE	1	3	2	0	2
0451	26613	0100	COKER 100 WILT	1	4	2	0	3
0452	26614	0100	DELFO 4	1	4	2	0	1
0453	29018	0100	DELFO 3506	1	3	2	0	2
0454	29019	0100	DELFO 651	1	3	2	0	2
0455	29020	0100	DELFO 4-65	1	3	2	0	2
0456	26615	0100	DELFO 9252	1	3	2	0	2
0458	26616	0100	DELTAPINE A	1	3	2	0	2
0459	26618	0100	DELTAPINE 12	1	3	2	0	2
0460	22052	0100	DELTAPINE 14(44-51)	1	3	2	0	2
0462	29021	0100	DELTAPINE 15	1	3	2	0	2
0463	29022	0100	D AND PL 45-867	1	3	2	0	2
0464	20717	0100	AHA 6-1-4	1	3	2	0	2
0465	26617	0100	EMPIRE P 45-3	1	4	2	0	2
0467	29023	0100	EMPIRE P 45-10	1	4	2	0	2
0468	29024	0100	EXPRESS 11384	1	3	2	0	2
0469		0100	MISSOEL W.R. 1	1		2	0	3
0470	26619	0100	MILLER	1	3	2	0	2
0472	29142	0100	STONEVILLE 62	1	3	2	0	2
0473	29207	0100	WASHINGTON	1	3	2	0	2
0474	29208	0100	WILDS 15	1	3	2	0	2
0475	29209	0100	WILDS 18	1	3	2	0	2
0476	29143	0100	STONEVILLE 28-7	1	3	2	0	2
0477	29965	0100	DELTA SMOOTH LEAF	1	2	2	0	2
0478		0100	GREEN BROWN 7 (NANKEEN)	1	3	2	0	2
0479	20787	0100	BROWN 6 (TEXAS RUST)	1	3	2	0	2
0480	20788	0100	HIGGINBOTHAM BROWN LINT 9	1	3	2	0	1
0481	29948	0100	GREEN LINT 4	1	3	2	0	1
0482	29966	0100	TRICE, NO SPOT	1	4	2	0	1
0483	29967	0100	TRICE, SPOT	1	3	2	1	2

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	APFALON- METEP	
				UHM	MEAN	UHM	MEAN					A	N
0436	059	14.0	30.2	1.21	0.95	1.18	0.91	37.1	19.1	06.8	3.53	543	062
0437	058	15.2	28.9	1.23	0.90	1.23	0.95	37.9	19.7	07.1	3.45	532	049
0438	060	14.4	30.7	1.22	0.93	1.19	0.92	37.2	18.9	06.6	4.18	488	040
0439	076	12.0	34.3	1.16	0.92	1.16	0.96	33.9	17.7	07.0	3.60	541	046
0440	072	12.3	31.5	1.15	0.94	1.12	0.94	37.5	19.1	07.8	4.70	445	025
0442	058	15.5	31.8	1.20	0.99	1.12	1.00	34.8	20.5	05.8	3.85	480	050
0443	055	15.6	31.9	1.14	0.92	1.11	0.92	39.6	19.6	06.9	4.43	459	033
0445	058	14.4	37.4	1.11	0.95	1.03	0.90	37.0	20.2	08.3	4.55	431	040
0447	057	14.3	32.1	1.29	1.07	1.22	1.01	46.4	25.0	05.4	3.58	536	039
0449	064	13.0	30.9	1.23	1.00	1.18	0.99	36.9	20.4	07.4	4.23	485	034
0450	071	11.6	32.1	1.20	0.87	1.18	0.94	36.0	21.3	08.6	3.30	566	066
0451	071	13.4	31.8	1.22	0.98	1.17	0.95	32.9	18.0	08.7	4.08	490	048
0452	068	13.4	33.0	1.16	1.05	1.13	0.91	32.2	18.2	09.2	4.43	470	044
0453	063	11.9	26.6	1.25	0.96	1.24	0.96	39.0	22.5	06.8	3.50	539	053
0454	065	12.7	32.0	1.23	1.01	1.10	0.88	35.8	20.2	07.2	3.88	497	039
0455	050	17.9	28.5	1.30	1.02	1.23	0.98	33.6	20.3	08.6	3.98	500	038
0456	061	13.9	27.6	1.30	1.00	1.32	1.06	32.9	20.1	09.0	3.53	536	058
0458	080	12.2	32.5	1.16	0.94	1.12	0.94	34.3	20.0	09.0	3.60	504	049
0459	080	10.4	40.0	1.05	0.79	1.03	0.88	35.6	17.7	09.2	4.38	464	030
0460	083	11.5	37.8	1.16	0.88	1.11	0.92	37.3	19.8	08.4	4.40	456	028
0462	067	10.8	38.4	1.20	0.96	1.12	0.93	38.1	20.8	08.2	4.40	477	031
0463	079	13.0	27.2	1.42	1.08	1.38	1.11	37.4	22.6	07.5	3.18	569	048
0464	071	14.3	30.5	1.21	1.03	1.14	0.98	38.2	22.0	06.0	4.68	459	034
0465	052	15.4	33.7	1.19	0.88	1.18	0.95	36.7	18.0	06.4	3.58	527	058
0467	048	15.4	33.9	1.19	0.91	1.16	0.99	41.3	20.2	06.7	4.08	490	040
0468	066	13.8	29.0	1.31	1.01	1.27	1.01	39.9	23.4	07.6	3.83	508	046
0469	065	13.2	28.3	1.23	1.01	1.18	0.97	40.1	22.3	06.5	3.90	501	057
0470	054	15.0	34.6	1.13	0.98	1.08	0.91	36.2	18.0	06.5	4.88	439	030
0472	055	15.0	33.1	1.15	0.92	1.12	0.94	34.4	17.8	06.6	4.38	478	036
0473	062	13.9	31.4	1.13	0.81	1.18	0.97	37.3	16.6	07.0	3.35	547	046
0474	069	16.2	28.9	1.28	0.94	1.32	1.00	41.0	22.5	06.8	3.10	578	054
0475	057	16.6	27.8	1.43	1.14	1.38	1.03	41.2	22.8	07.2	3.80	503	045
0476	055	15.4	32.2	1.18	0.89	1.16	0.92	37.9	17.6	07.2	4.08	483	042
0477	064	13.8	36.7	1.16	0.92	1.12	0.90	34.7	17.1	08.2	4.63	445	026
0478	083	13.8	15.2	0.81	0.55	0.79	0.57	23.7					
0479	071	15.6	22.1	0.93	0.73	0.87	0.70	34.2	16.6	07.6	3.80	509	063
0480	067	13.7	28.1	0.95	0.73	0.89	0.68	31.0	14.4	07.4	3.85	490	043
0481	084	12.1	18.6	0.90	0.61	0.95	0.68	28.8	17.0	08.2	2.40		
0482	083	12.9	26.5	1.06	0.92	1.00	0.87	39.3	19.1	08.9	4.15	473	038
0483	084	12.2	29.7	1.05	0.92	1.01	0.89	38.8	19.3	07.3	5.53	384	016

ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0484	29968	0100	KING, NO. SPOT	1	3	2	0	2
0485	29969	0100	KING, SPOT	1	3	2	2	2
0486	28980	0100	CA119-4/14 (STORMPROOF)	1	3	2	0	2
0487	20718	0100	CA122 EARLY (STORMPROOF)	1	2	2	0	2
0488	28981	0100	CA119-1/29 (STORMPROOF)	1	2	2	0	2
0489	20719	0100	CA119-4/17 (STORMPROOF)	1	3	2	0	1
0490	20720	0100	CA89A (STORMPROOF)	1	2	2	0	2
0491	29144	0100	ROWDEN, MALONE	1	3	2	0	2
0493	29145	0100	ROWDEN 41B, WATSON 1	1	3	2	0	2
0494	29997	0100	DUCONA CLUSTER	1	3	2	0	2
0495	29998	0100	CLUSTER 11	1	3	2	0	2
0496	29146	0100	SUNSHINE 2 (LARGE SEED)	1	3	2	0	2
0497	29147	0100	SUNSHINE 1 (LARGE SEED)	1	3	2	0	2
0498	29081	0100	JACKSON 1	1	3	2	0	1
0499		0100	LARGE GREEN SEED	1	4	2	0	2
0501	20721	0100	CAMBODIA 4	1	4	2	0	1
0502		0100	UGANDA 8-9	1	4	2	0	1
0504		0100	S.L. 1-7-1 (NO LINT)	2	3	3	0	2
0505	30021	0100	CARVER 2-1 CLEAN SEED	2	3	3	0	2
0506	20789	0100	D.A.F. 11 (APICAL FURROW)	1	3	2	0	2
0507	20790	0100	KASCH 3 (APICAL FURROW)	1	4	2	0	2
0508	29082	0100	FERGUSON 406	1	3	2	0	2
0509	29083	0100	LOCKET 140-46	1	3	2	0	1
0510	29148	0100	HARPER D.D. ROWDEN	1	3	2	0	2
0515	26620	0100	NORTHERN STAR	1	4	2	0	2
0516	26621	0100	MEBANE, WALSON	1	3	2	0	2
0517	20722	0100	ACALA 111, ROGERS	1	2	2	0	2
0518	20723	0100	ACALA HARPER B-L	1	2	2	0	2
0519	29149	0100	ROWDEN 41B, TUSA	1	3	2	0	2
0520	22053	0100	MEBANE 140	1	3	2	0	1
0521	26622	0100	PAYMASTER 54	1	3	2	0	3
0522	22054	0100	ROWDEN 41B, DRYAN1	1	3	2	0	2
0524	29084	0100	LANKART 57	1	3	2	0	2
0525	26623	0100	DENTEX 74-2	1	3	2	0	2
0527	28982	0100	BURNETT	1	2	2	0	2
0531		0100	CRUMPLED	1	3	1	1	4
0532	26624	0100	COKER 100 (HIGH LINT)	1	3	2	0	2
0534	26625	0100	DELFO 719 (339) T 105-7	1	3	2	0	2
0535	29025	0100	D AND PL 11A T 154-2	1	3	2	0	2
0537	29151		STONEVILLE 50 T196-4	1	4	2	0	2

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRF	AREALO- METER	
				UHM	MEAN	UHM	MEAN					A	D
0484	073	13.0	32.7	1.07	0.94	1.02	0.88	37.2	19.2	08.7	4.25	466	036
0485	069	13.3	30.5	1.02	0.90	0.94	0.84	34.2	17.9	08.4	5.08	428	016
0486	066	12.0	32.4	1.07	0.81	1.03	0.88	38.5	16.2	07.0	4.18	477	026
0487	067	13.7	33.0	1.11	0.85	1.07	0.87	37.7	17.4	07.3	4.38	450	027
0488	053	13.3	31.9	1.08	0.82	1.03	0.84	34.8	17.4	07.5	4.18	469	027
0489	060	13.8	33.1	1.03	0.83	0.98	0.84	34.5	19.0	07.7	3.75	504	032
0490	070	12.0	32.1	1.10	0.94	1.05	0.93	37.8	18.3	07.1	4.25	470	040
0491	052	14.9	32.0	1.13	0.98	1.05	0.87	42.2	21.3	05.9	5.48	410	019
0493	049	15.8	31.7	1.19	1.04	1.14	1.00	37.0	19.2	07.0	5.23	399	027
0494	057	16.4	31.3	1.18	0.97	1.11	0.85	35.7	18.9	07.4	4.18	477	034
0495	069	15.0	32.5	1.17	0.96	1.09	0.85	36.3	18.0	08.0	3.58	523	048
0496	046	15.9	33.1	1.09	0.90	1.05	0.90	33.2	16.3	07.6	5.33	407	022
0497	045	15.9	32.2	1.05	0.83	1.03	0.89	30.4	14.6	07.9	5.40	400	021
0498	060	12.7	35.3	1.08	0.91	1.01	0.90	32.6	17.2	07.4	4.48	459	047
0499	062	13.0	34.4	1.14	0.86	1.12	0.83	34.1	19.2	08.8	3.95	509	050
0501	060	15.9	31.8	1.15	0.96	1.07	0.92	35.8	18.5	06.7	4.85	423	020
0502	085	11.5	29.3	1.05	0.85	1.02	0.84	35.7	16.2	07.5	3.83	504	048
0504													
0505	105	11.3	14.2	1.10	0.95	1.04	0.89	37.0	16.4	07.3	4.55	439	037
0506	063	13.0	36.0	0.88	0.77	0.81	0.72	30.3	13.9	08.3	6.33	356	019
0507	079	13.1	29.0	1.27	1.10	1.23	1.05	32.5	18.6	08.6	4.35	475	037
0508	060	12.5	34.8	1.09	0.92	1.03	0.89	29.5	15.9	08.9	4.58	447	040
0509	066	11.6	35.6	1.02	0.90	0.93	0.83	36.3	17.3	06.3	4.95	432	037
0510	049	17.6	33.5	1.14	1.00	1.05	0.91	34.4	17.8	07.1	6.02	375	019
0515	056	14.0	36.1	1.17	0.98	1.11	0.95	36.4	17.9	06.8	4.48	454	033
0516	055	12.8	34.8	1.01	0.87	0.94	0.80	34.0	16.9	09.0	4.30	468	046
0517	061	14.0	33.2	1.18	0.91	1.15	0.98	44.4	20.5	05.7	3.88	484	047
0518	054	14.2	35.6	1.16	0.93	1.11	0.94	36.6	19.6	08.1	4.60	465	034
0519	055	16.5	33.8	1.09	0.94	1.05	0.91	37.1	17.8	07.3	5.48	397	022
0520	055	11.8	36.5	0.97	0.86	0.89	0.79	41.3	19.8	05.5	5.23	418	020
0521	056	13.0	33.2	1.08	0.93	1.02	0.89	32.8	17.5	08.3	4.13	477	041
0522	057	14.6	33.4	1.10	0.93	1.04	0.88	37.0	18.1	07.1	4.83	426	028
0524	044	15.0	34.7	1.21	0.99	1.17	0.98	34.5	18.2	09.0	3.93	512	046
0525	059	14.5	31.4	1.10	0.90	1.03	0.91	36.7	18.2	06.9	5.48	394	022
0527	063	14.0	29.0	1.12	0.89	1.08	0.92	43.2	23.3	05.7	4.18	475	038
0531	116	16.5	16.8	1.36	0.90	1.47	1.03	53.9	33.1	06.3	2.55	669	065
0532	096	09.0	38.6	1.07	0.87	0.99	0.83	32.3	17.4	09.4	4.15	494	029
0534	062	12.0	35.5	1.11	0.89	1.04	0.80	39.0	19.0	06.5	4.65	447	032
0535	075	11.2	37.3	1.17	0.89	1.14	0.94	36.4	18.9	08.9	4.05	479	040
0537	056	14.2	34.9	1.16	0.98	1.09	0.91	36.9	18.1	06.1	4.85	433	026



ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0538	29152	0100	STONEVILLE 5, T 196-9	1	3	2	0	2
0539	29153	0100	STONEVILLE 5, T 196-10	1	3	2	0	2
0540	29154	0100	STONEVILLE 5A, T 206-4	1	3	2	0	2
0541	29155	0100	STONEVILLE 5A, T 226-9	1	3	2	0	2
0542	29156	0100	STONEVILLE 5A, T 226-11	1	3	2	0	2
0544	29210	0100	WILDS 34-4 (411), T87-7	1	3	2	0	2
0545	29026	0100	DELFO 719 (339) 124-6	1	3	2	0	2
0549	29157	0100	STONEVILLE 5A T 219-6	1	3	2	0	2
0550	29158	0100	TIDEWATER 29	1	3	2	0	2
0551	26626	0100	GREER WICHITA T170-4	1	3	2	0	2
0553	28983	0100	ACALA 911 (330) T4-6	1		2	0	2
0556		0100	WILDS 34-4 (411), T82-2	1	3	2	0	2
0557		0100	WILDS 34-4 (411), T85-2	1	3	2	0	2
0558	26627	0100	DELTATYPE WEBBER (253-1) T142-8	1	3	2	0	2
0559	26628	0100	PROTZMAN (968)	1	3	2	0	1
0560	29085	0100	P.K. 15-M-3	1	3	2	0	2
0562	29999	0100	T 155-3 DERIDDER RED LEAF	2	3	3	0	2
0563	30000	0100	T 155-4 DERIDDER RED LEAF	2	3	3	0	2
0564	30001	0100	T 156-4 DERIDDER RED LEAF	2	4	3	0	2
0566	29211	0100	WEST TEXAS ROUGH T 162-7	1	3	2	0	2
0568	29086	0100	FLORIDA 1377 T167-10	1	4	2	0	2
0570	29212	0100	WEST TEXAS ROUGH T 162-7	1	3	2	0	2
0571	22055	0100	CB 2472	1	2	2	0	2
0572	22056	0100	CB 2479	1	3	2	0	2
0573	22057	0100	CB 2480	1	2	2	0	2
0574	22058	0100	CB 2482	1	3	2	0	2
0575	22059	0100	CB 2483	1	2	2	0	2
0576		0100	CB 2489	1	4	2	0	2
0577	22060	0100	CB 2490	1	4	2	0	3
0578	22061	0100	CB 2492	1	3	2	0	2
0579	22062	0100	CB 2493	1	3	2	0	2
0580	22063	0100	CB 2519	1	2	2	0	2
0581	22064	0100	CB 2717	1	3	2	0	2
0582	22065	0100	CB 2525	1	2	2	0	2
0583	22066	0100	CB 2526	1	3	2	0	2
0584	22067	0100	CB 2527	1	3	2	0	2
0585	20724	0100	CB 2528	1	2	2	0	2
0586	30022	0100	CB 2536	1	4	2	0	2
0587	29027	0100	DE EWING LONG STAPLEXTIDEWATER	1	3	2	0	2
0588	29159	0100	SEALAND 1	1	3	2	0	2

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	AREAL O- METER	
				UHM	MEAN	UHM	MEAN					A	D
0538	063	14.6	32.0	1.28	1.07	1.27	1.07	34.3	18.9	06.2	4.58	455	041
0539	062	13.3	34.7	1.15	0.93	1.12	0.96	35.3	17.0	06.8	4.50	454	032
0540	072	11.4	36.8	1.14	0.91	1.10	0.89	33.6	17.0	07.3	4.10	479	042
0541	068	12.1	33.8	1.17	0.94	1.18	0.96	34.1	17.2	07.2	3.95	490	045
0542	062	12.1	34.3	1.18	0.97	1.16	0.99	32.1	17.3	07.2	3.88	486	045
0544	058	17.2	28.5	1.43	1.18	1.41	1.16	33.6	22.8	07.2	3.75	525	049
0545	064	14.1	30.0	1.26	1.01	1.24	0.99	37.8	20.6	06.4	4.23	465	043
0549	062	15.9	25.6	1.34	1.10	1.34	1.11	39.6	21.4	06.4	4.05	438	040
0550	069	14.5	24.8	1.21	0.95	1.23	0.94	42.0	21.8	06.9	2.70	630	086
0551	052	17.4	26.5	1.37	1.13	1.34	0.99	38.5	21.9	07.7	3.25	570	065
0553	064	14.9	27.5	1.36	1.09	1.31	1.00	41.8	21.8	06.9	3.23	543	058
0556	062	17.0	28.1	1.43	1.20	1.42	1.17	40.9	23.7	07.0	3.75	522	050
0557	059	17.2	29.7	1.49	1.21	1.46	1.15	39.4	22.6	07.5	3.80	514	046
0558	055	16.7	28.1	1.30	0.94	1.28	0.99	35.7	21.6	07.8	3.15	557	074
0559	062	15.8	27.3	1.36	1.13	1.33	1.08	42.6	24.9	07.5	3.10	582	060
0560	065	13.5	30.3	1.29	1.09	1.24	1.01	39.4	21.1	06.9	3.83	525	047
0562	072	11.5	32.6	1.05	0.88	0.95	0.77	38.3	17.6	07.3	4.78	436	022
0563	060	14.4	33.8	1.09	0.96	1.04	0.91	44.2	18.8	05.7	5.85	378	025
0564	085	12.7	34.1	1.01	0.89	0.95	0.83	40.8	17.7	06.2	6.58	341	016
0566	072	13.1	35.4	0.86	0.75	0.82	0.73	39.5	15.4	05.6	5.87	373	019
0568	076	12.4	27.7	0.88	0.71	0.77	0.64	43.5	18.5	07.3	6.38	345	019
0570	070	12.7	29.8	1.06	0.90	1.05	0.92	39.9	18.9	05.9	4.38	455	025
0571	057	15.6	33.3	1.16	0.96	1.14	1.01	39.6	19.1	07.3	4.68	444	029
0572	058	16.8	34.5	1.19	0.90	1.18	1.03	40.9	19.8	06.1	4.50	455	026
0573	056	16.3	32.6	1.18	1.00	1.14	1.00	42.4	21.5	07.8	4.75	463	021
0574	056	15.7	37.1	1.23	1.00	1.21	1.02	32.8	17.7	09.4	4.58	465	024
0575	057	16.1	32.3	1.18	0.95	1.16	0.99	37.8	19.7	06.8	4.30	479	021
0576	105	10.2	21.7	1.03	0.90	0.95	0.84	40.3	18.2	06.7	5.23	411	028
0577	085	11.6	31.6	1.03	0.83	1.00	0.87	38.6	17.9	07.7	5.03	411	030
0578	052	15.0	34.9	1.25	1.04	1.25	1.08	31.7	17.2	09.6	4.20	477	033
0579	064	16.3	30.0	1.09	0.94	1.06	0.94	38.6	18.4	07.0	4.95	425	026
0580	063	14.8	34.2	1.22	0.98	1.21	1.03	39.7	19.1	07.2	4.05	507	027
0581	106	10.5	30.1	0.99	0.80	0.97	0.85	32.2	17.3	08.7	3.88	499	040
0582	089	11.4	24.5	0.98	0.83	0.92	0.80	39.2	20.1	07.0	5.40	411	021
0583	054	15.1	32.4	1.21	1.00	1.18	1.02	38.2	19.3	06.6	4.03	502	026
0584	061	14.1	31.8	1.13	0.94	1.09	0.92	36.6	16.8	07.6	4.43	457	042
0585	055	15.3	30.7	1.19	1.02	1.17	1.02	41.2	19.0	07.0	3.93	486	032
0586	084	11.5	21.6	0.90	0.80	0.86	0.75	46.5	20.2	06.2	5.08	401	023
0587	065	13.7	28.2	1.38	0.97	1.37	1.13	38.5	23.1	07.1	3.68	530	054
0588	062	16.8	29.7	1.49	1.13	1.45	1.08	44.6	25.2	06.8	3.85	506	026

ID. NUMBERS			SP. & RACE	D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS				1	2	3	4	5
0589	29160	0100		SEALAND 2	1	3	2	0	2
0590		0100		SEALAND 7 YELLOW FLOWER	1	3	1	0	2
0591	29161	0100		SEALAND 7 WHITE FLOWER	1	3	2	0	2
0592	29162	0100		SEALAND 883	1	3	1	0	2
0594	22068	0100		CB 2628	1	4	6	0	1
0596	22069	0100		CB 2630	1	5	2	0	2
0624A	22070	0100		CB 2544	1	5	2	0	2
0624B	22071	0100		CB 2544	1	3	2	0	2
0625	22072	0100		CB 2545	1	3	2	0	2
0628	22073	0100		CB 2554	1	5	2	0	2
0629	22074	0100		CB 2555	1	4	2	0	2
0631	29230	0100		CB 2540	1	3	2	0	2
0633	22075	0100		CB 2548	1	3	2	0	2
0634	30023	0100		CB 2550	1	4	2	0	2
0668A	22076	0100		CB 2678	1	3	2	0	2
0668B	22077	0100		CB 2678	1	3	2	0	2
0669A	22078	0100		CB 2679	1	2	2	0	2
0669B	22079	0100		CB 2679	1	4	2	0	2
0669C	20725	0100		CB 2679	1	3	2	0	2
0675	29949	0100		GREEN LINTED PIGMENTATION	1	4	2	0	2
0677	29163	0100		LINTSING STONEVILLE	1	4	2	0	2
0680	29164	0100		LINTSING SZE TZE 4B	1	4	2	0	2
0685		0100		DWARF (R.I.O NAN. CL.)	2	3	3	0	2
0686	29940	0100		DWARF I OKRA CLEAN	1	3	2	0	2
0688		0100		SMOOTH BOLL 1	1	3	2	0	2
0708	20726	0100		ARKANSAS 1	1	3	2	0	2
0709	20727	0100		ARKANSAS 2	1	2	2	0	2
0710	20728	0100		ARKANSAS 3	1	3	2	0	2
0713	28984	0100		ARKANSAS 6	1	3	2	0	2
0714	28985	0100		ARKANSAS 7	1	3	2	0	2
0715	28986	0100		ARKANSAS 8	1	2	2	0	2
0716	20729	0100		ARKANSAS 9	1	2	2	0	2
0717	20730	0100		ARKANSAS 10	1	2	2	0	2
0718	20731	0100		ARKANSAS 11	1	3	2	0	2
0719	20732	0100		ARKANSAS 12	1	3	2	0	2
0720	20733	0100		ARKANSAS 13	1	3	2	0	2
0723	28987	0100		ARKANSAS 16	1	2	2	0	2
0724	20734	0100		ARKANSAS 17	1	2	2	0	2
0726	20735	0100		ARKANSAS 19	1	3	2	0	2
0727	20736	0100		ARKANSAS 20	1	2	2	0	2

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		TG	T1	E1	MICRO- NAIRF	APEALD- METEP	
				UHM	MEAN	UHM	MEAN					A	D
0589	069	15.0	28.6	1.48	1.06	1.47	0.98	38.5	22.2	08.2	3.45	542	055
0590	068	12.8	28.8	1.36	0.91	1.37	0.87	45.9	26.4	07.0	2.95	610	071
0591	061	14.3	27.6	1.38	1.01	1.41	1.03	42.0	23.7	06.7	3.33	560	048
0592	067	15.0	24.9	1.41	1.02	1.43	1.11	40.9	23.0	06.8	3.28	573	061
0594	180	07.6	23.6	0.99	0.87	0.92	0.82	32.9	16.1	08.4	4.50	459	023
0596	085	11.6	28.7	1.19	0.91	1.20	0.97	32.9	19.2	08.6	3.15	560	054
0624A	090	10.7	28.9										
0624B	078												
0625	062			1.12	0.92	1.10	0.96	35.8	19.3	07.7	4.30	469	029
0628	087	05.8	33.5	1.13	0.91	1.10	0.96	43.3	21.0	06.6	4.78	430	027
0629	088	11.1	30.4	1.06	0.87	1.05	0.94	30.9	19.0	07.4	4.48	453	022
0631	058	13.8	33.1	1.13	0.94	1.13	0.98	35.6	18.0	08.6	4.70	442	019
0633	061			1.11	0.91	1.09	0.98	34.3	16.7	09.1	4.48	469	019
0634	092	12.7	27.6	1.09	0.95	1.04	0.91	37.2	18.2	07.3	4.33	463	036
0668A	087	12.1	28.7										
0668B	073	14.9	29.6										
0669A	058	14.7	37.2										
0669B	068	13.0	37.1										
0669C	052	13.0	38.6										
0675	097	13.0	18.9	0.85	0.58	0.87	0.67	33.2	17.9	08.2	2.43		
0677	048	16.6	30.6	1.16	0.97	1.14	0.94	40.4	18.8	06.2	5.08	422	021
0680	054	15.8	30.5	1.16	0.95	1.14	0.95	42.1	20.9	06.5	4.55	460	026
0685	152	08.8	01.7										
0686	117	15.3	09.2	1.22	0.97	1.21	1.01	32.6	17.4	08.6	3.90	503	048
0688	062	14.7	33.7	1.09	0.89	1.09	0.94	36.8	18.6	06.7	4.45	458	028
0708	054	14.5	31.7	1.26	0.99	1.22	1.02	36.1	18.4	06.8	3.90	498	045
0709	055	14.7	32.6	1.21	0.95	1.14	0.98	37.9	18.5	06.4	4.45	470	035
0710	056	14.4	29.9	1.25	0.98	1.25	1.06	34.8	18.6	07.6	3.70	533	047
0713	066	13.3	32.4	1.23	0.99	1.16	1.00	33.1	17.4	07.3	4.68	453	027
0714	061	13.6	33.6	1.15	0.90	1.09	0.89	36.6	18.3	06.7	3.75	515	045
0715	066	14.1	29.4	1.22	1.03	1.13	0.93	39.8	22.8	06.9	3.93	511	039
0716	073	11.2	36.6	1.08	0.92	1.00	0.89	35.1	18.4	07.8	4.73	439	026
0717	053	15.0	32.9	1.21	1.01	1.15	1.02	37.2	19.9	07.6	4.43	457	035
0718	060	13.9	35.0	1.09	0.91	1.03	0.90	35.8	19.9	07.2	5.43	397	023
0719	060	13.0	36.8	1.08	0.91	1.03	0.91	39.7	20.6	04.9	6.13	355	015
0720	051	15.4	32.3	1.17	1.02	1.09	0.97	40.0	20.1	05.3	5.63	381	016
0723	058	15.1	31.8	1.16	1.00	1.05	0.93	45.5	25.6	05.6	5.58	385	019
0724	063	12.1	36.9	1.14	0.90	1.05	0.92	32.0	17.2	08.5	4.50	455	043
0726	057	13.1	37.1	1.04	0.86	0.96	0.84	33.5	17.7	07.1	5.38	395	023
0727	055	12.8	39.3	1.05	0.89	0.99	0.81	34.2	18.1	06.8	5.73	370	023

ID. NUMBERS S. A. NO.	FT. COLLINS	SP. & RACE	D E S I G N A T I O N	FIELD SCORES				
				1	2	3	4	5
0728	20737	0100	ARKANSAS 21	1	2	2	0	2
0729	28988	0100	ARKANSAS 22	1	3	2	0	2
0730	20738	0100	ARKANSAS 23	1	3	2	0	2
0732	20739	0100	ARKANSAS 25	1	3	2	0	2
0733	20792	0100	MCNAMARA OKRA LEAF (ARK. 26)	1	3	2	0	2
0734	20793	0100	SMOOTH BOLL I 41-3-2	1	3	2	0	2
0735	20794	0100	SMOOTH BOLL I 41-3-3	1	3	2	0	2
0736		0100	AK-DJURA VIRESCENT	2	4	7	0	2
0737	29941	0100	AK-DJURA RED DWARF HARRISON	4	3	7	0	2
0738	30002	0100	AK-DJURA GREEN LINT	5	3	3	0	2
0739		0100	AK-DJURA RED-OKRA-NANKEEN	2	3	7	0	2
0740	30004	0100	AK-DJURA FREGO	5	4	3	0	2
0741		0100	FREGO VIRESCENT	3	3	2	0	2
0742		0100	DWARF I FREGO	1	3	2	0	2
0743	29942	0100	FREGO UPLAND CR. DW. MEADE	1	2	2	0	2
0744	30005	0100	FREGO CLUSTER	1	3	2	0	2
0745		0100	VIRESCENT NANKEEN	3	3	2	0	2
0746		0100	FREGO NANKEEN	1	3	3	0	2
0747	29950	0100	NANKEEN SPOT	1	4	2	2	2
0815	26629	0100	MEX. 68	1	3	2	0	2
0816		0100	MEX. 70-1797	1	3	2	0	2
0818	26630	0100	MEX. 74	1	4	2	0	2
0825		0100	MEX. 102	1	4	2	1	2
0826		0100	MEX. 106	1	3	2	2	1
0830		0100	MEX. 119	1	4	2	0	2
0831	29087	0100	MEX. 121	1	3	2	2	2
0832	29088	0100	MEX. 122	1	3	2	0	2
0834	26631	0100	MEX 126-1853	1	4	2	0	2
0838	26632	0100	GUAT. 14	1	3	2	0	1
0840	30006	0100	INTENSE RED OKRA CLEAN	3	3	2	0	2
0844	29028	0100	COOK 307-2-1-8-11-2	1	3	2	0	1
0846	26633	0100	COOK 144-30	1	4	2	0	2
0847	29236	0100	WHITE GOLD 5	1	4	2	0	2
0848	29237	0100	WHITE GOLD WILT	1	4	2	0	2
0850		0100	TRICE	1	4	2	0	1
0852	22080	0100	DIXIE TRIUMPH	1	3	2	0	2
0853		0100	TRICE 406	1	3	2	0	2
0854	29029	0100	DELFO 6102	1	3	2	0	1
0857	20740	0100	ACALA ORIGINAL	1	3	2	0	2
0859	22081	0100	WIELD'S CLEVELAND	1	5	2	0	1

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		TC	T1	E1	MICRO- NAIRE	APFALC- METER	
				UHM	MEAN	UHM	MEAN					A	D
0728	048	16.5	33.1	1.07	0.90	1.04	0.90	40.8	20.5	05.9	5.65	373	026
0729	052	15.2	33.5	1.11	0.90	1.03	0.88	40.0	19.2	06.4	5.65	380	021
0730	046	16.5	31.8	1.08	0.92	1.03	0.87	39.2	20.5	05.9	6.02	364	032
0732	044	16.4	34.2	1.11	0.92	1.08	0.93	34.4	17.3	06.6	5.63	382	026
0733	068	13.7	29.5	1.10	0.94	1.07	0.94	39.6	19.0	06.2	6.08	369	018
0734	069	14.1	33.1	1.14	0.93	1.09	0.91	36.2	17.7	07.1	4.03	483	039
0735	061	15.4	32.4	1.15	0.95	1.11	0.93	33.8	16.6	07.0	4.05	484	041
0736	095	10.9	33.0	1.01	0.86	0.92	0.77	34.5	16.6	06.7	4.68	439	035
0737	083	12.9	29.1	1.15	0.96	1.14	0.98	40.0	21.8	07.4	4.85	441	021
0738	089	12.8	19.8	0.99	0.73	0.88	0.63	29.9	14.6	07.3	2.60	655	099
0739	084	12.5	22.8	0.91	0.67	0.81	0.63	34.1	15.5	07.8	3.25	560	054
0740	078	12.3	29.3	1.16	0.97	1.09	0.89	35.5	19.4	07.3	3.98	504	046
0741	079	14.9	31.2	1.14	0.96	1.08	0.90	36.4	18.9	07.0	4.48	447	031
0742	120	08.7	29.8	1.09	0.78	1.10	0.85	34.5	18.7	09.6	2.88	627	092
0743	081	14.5	26.8	1.29	1.05	1.26	1.07	38.7	20.8	07.9	4.08	491	048
0744	078	14.4	30.3	1.14	0.94	1.06	0.84	44.5	20.3	05.9	4.00	450	045
0745	073	34.8	13.9	0.87	0.68	0.75	0.60	26.6	12.7	08.2	3.43	542	049
0746	099	11.4	31.3	0.84	0.64	0.77	0.61	29.0			4.40	459	033
0747	070	14.7	25.4	0.90	0.68	0.81	0.64	34.8	18.1	07.9	4.40	466	043
0815	053	14.6	32.1	1.16	0.96	1.08	0.90	38.5	20.6	07.5	3.95	498	045
0816	055	12.2	34.4	0.94	0.82	0.89	0.78	40.3	18.6	05.7	4.60	448	036
0818	062	12.4	33.0	1.09	0.91	1.05	0.86	42.0	18.6	05.4	5.28	405	018
0825													
0826	089	11.2	28.9	0.96	0.85	0.89	0.77	42.3	20.3	06.3	5.05	419	016
0830	069	13.5	30.2	1.14	0.96	1.07	0.88	46.0	21.6	05.6	5.18	421	028
0831	061	13.1	31.3	1.13	0.94	1.07	0.89	44.3	22.3	05.5	4.47	460	025
0832	061	14.4	25.5	1.05	0.91	0.98	0.85	42.6	23.0	06.1	5.00	427	019
0834	046	14.4	35.3	1.08	0.94	1.01	0.89	38.7	19.7	06.2	5.40	420	021
0838	072	13.4	28.3	1.04	0.91	0.96	0.84	40.7	20.3	06.7	5.43	402	019
0840	073	11.7	34.5	1.03	0.89	1.00	0.87	32.6	16.7	07.7	4.15	480	040
0844	065	12.2	33.9	1.04	0.90	0.95	0.84	34.7	18.3	08.4	4.23	466	034
0846	065	15.2	29.7	1.17	0.99	1.11	0.95	32.0	19.7	07.7	3.67	498	058
0847	058	15.0	32.0	1.25	1.01	1.23	1.01	37.9	19.0	06.7	4.23	482	039
0848	072	12.8	30.6	1.16	0.97	1.15	0.97	36.7	17.3	07.0	4.13	478	033
0850	101	13.4	31.4	1.16	0.99	1.13	0.93	39.0	18.5	05.9	4.85	432	028
0852	064	13.0	31.5	0.94	0.79	0.86	0.76	35.7	17.4	08.4	4.95	432	019
0853	074	11.4	26.6	1.11	0.98	1.05	0.94	37.6	19.1	06.0	5.75	383	026
0854	065	13.0	29.5	1.22	0.99	1.13	0.91	36.0	22.5	08.1	4.15	496	031
0857	069	11.6	30.7	1.26	0.96	1.22	0.98	37.0	20.6	07.2	3.70	505	047
0859	070	12.0	34.5	1.10	0.92	1.04	0.86	38.1	17.9	06.1	4.88	417	016

ID. NUMBERS S.A. NO.	FT. COLLINS	SP. & RACE	D E S I G N A T I O N	FIELD SCORES				
				1	2	3	4	5
0861	26634	0100	DIXIE TRIUMPH 83	1	3	2	0	2
0862	29031	0100	DIXIE TRIUMPH 14	1	3	2	0	2
0863		0100	TOOLE	1	3	2	0	2
0864		0100	HALF AND HALF	1	3	2	0	1
0865	26635	0100	STATION MILLER	1	3	2	0	2
0866		0100	ROWDEN 40	1	4	2	0	2
0868	20741	0100	ACALA 8	1	3	2	0	3
0869	29032	0100	DELTAPINE 8-829	1	4	2	0	2
0870	29033	0100	DELTAPINE 6	1	3	2	0	2
0874	29034	0100	DELTAPINE 14	1	3	2	0	2
0875	22082	0100	OKLAHOMA TRIUMPH 44	1	3	2	0	2
0876	29165	0100	STONEVILLE 3	1	3	2	0	1
0877	20742	0100	AMBASSADOR	1	3	2	0	2
0879	29238	0100	DELFOS WASHINGTON	1	3	2	0	2
0880	29035	0100	DELFOS 120	1	4	2	0	2
0881	26636	0100	MISSOEL	1	3	2	0	2
0882		0100	EXPRESS 121	1	3	2	0	1
0883	26637	0100	LIGHTNING EXPRESS	1	4	2	0	2
0884	29239	0100	WILDS 5	1	3	2	0	1
0885	26638	0100	MILLER 919	1	3	2	0	3
0887	29166	0100	RUCKER	1	3	2	0	1
0889	20743	0100	ACALA TEX	1	2	2	0	2
0890	29089	0100	KASCH	1	3	2	0	2
0891	29090	0100	NEW BOYKIN	1	3	2	0	2
0892		0100	MEBANE	1	3	2	0	2
0895	20795	0100	S.I. X SPEARS GREEN	1	3	2	0	2
0896	20796	0100	SPEARS GREEN	1	3	2	0	2
0897	28989	0100	BEASLEYS HYBRID 9-0-2	1	3	2	0	2
0899	20744	0100	BEASLEYS HYBRID 11-A-11	1	3	2	0	2
0902		0100	KIME YELLOW	1	3	2	0	2
0903	22083	0100	PI 1944833 KP 28	1	5	2	0	1
0904	22084	0100	PI 194831 8181	1	5	2	0	1
0905	22085	0100	PI 194832 BP52, MB2	1	5	2	0	2
0907	26639	0100	MEADE 14-2	1	3	2	0	2
0914	20745	0100	ACALA W 29-6	1	2	2	0	2
0923	20746	0100	AHA 1-9-104	1	3	2	0	2
0924	22086	0100	COOK 307-6	1	3	2	0	2
0925		0100	KEKCHI 7-8	1	3	2	0	2
0926	28990	0100	AC 1517-40	1	2	2	0	2
0928	26640	0100	MEADE 14-2	1	3	2	0	2

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRF	APPEAL- METER	
				UHM	MEAN	UHM	MEAN					A	D
0861	072	12.9	28.5	0.88	0.73	0.76	0.66	34.9	14.0	07.7	5.53	394	015
0862	074	11.4	32.4	1.06	0.82	1.02	0.86	37.3	17.8	07.2	4.03	478	038
0863	079	10.2	33.8	0.98	0.81	0.94	0.81	36.9	15.0	06.7	4.33	470	044
0864	085	10.7	34.5	0.93	0.78	0.84	0.72	32.6	14.0	07.9	3.98	490	044
0865	057	14.1	30.6	1.19	1.00	1.14	0.92	36.3	19.5	06.6	4.05	496	042
0866	057	13.1	30.7	1.15	0.97	1.10	0.92	35.9	18.9	07.2	3.95	483	041
0868	058	13.3	30.9	1.24	1.04	1.17	0.99	36.1	19.9	08.5	3.85	498	043
0869	060	14.3	32.2	1.18	1.02	1.13	0.97	36.6	18.4	06.4	4.58	453	036
0870	067	14.1	29.6	1.30	1.04	1.27	1.09	37.8	21.5	06.7	3.93	475	052
0874	068	10.8	38.2	1.16	0.87	1.14	0.96	36.9	19.9	08.3	4.40	465	028
0875	062	12.1	29.2	1.01	0.87	0.95	0.85	31.8	17.0	09.0	5.05	431	025
0876	060	13.1	35.0	1.13	0.94	1.10	0.97	34.5	17.8	07.1	4.78	453	029
0877	053	16.8	30.3	1.19	1.00	1.11	0.95	40.5	20.6	05.9	5.03	432	026
0879	052	15.9	33.3	1.16	0.93	1.15	0.98	38.3	17.1	06.8	4.40	468	036
0880	066	14.3	30.1	1.29	1.05	1.23	0.96	39.8	23.4	07.3	4.05	492	046
0881	059	15.3	29.7	1.29	1.06	1.23	0.84	43.2	22.2	06.0	3.83	525	042
0882	064	12.1	33.7	1.14	0.92	1.08	0.93	36.5	17.5	06.8	4.45	452	045
0883	070	12.6	29.4	1.18	0.97	1.12	0.96	33.1	18.4	09.9	4.30	483	024
0884	067	14.1	30.0	1.09	0.92	1.06	0.89	39.5	17.2	06.7	4.85	420	020
0885	064	13.4	34.6	1.10	0.91	1.05	0.81	35.1	16.6	07.4	4.33	475	045
0887	059	12.8	33.9	1.19	0.98	1.15	0.95	35.5	19.0	07.6	3.60	512	049
0889	061	14.4	32.2	1.18	0.92	1.14	0.97	42.9	21.0	06.0	3.55	503	043
0890	061	13.2	35.9	1.13	0.92	1.07	0.91	32.6	17.5	08.8	4.77	443	030
0891	054	13.7	34.0	1.03	0.86	0.97	0.85	28.7	15.3	08.9	5.43	436	032
0892	052	15.3	36.7	1.20	1.05	1.05	0.86	35.3	19.0	07.5	4.35	490	042
0895	081	14.1	16.9	1.06	0.74	1.25	0.79	33.1	20.7	07.4			
0896	092	13.7	18.3	1.04	0.73	1.18	0.83	32.2	21.9	08.6			
0897	080	11.2	37.2	1.16	0.94	1.10	0.93	30.3	15.8	09.7	4.53	433	027
0899	074	13.4	35.7	1.19	0.89	1.15	0.90	37.6	19.0	08.3	4.80	421	027
0902	078	14.1	31.3	1.22	1.04	1.15	0.88	39.3	20.7	07.1	3.78	503	046
0903	092	12.7	25.7	1.16	0.87	1.23	1.00	41.7	21.8	06.7	3.03	595	062
0904	089	11.8	24.3	1.22	0.97	1.25	1.02	38.5	22.2	07.5	2.88	633	066
0905	086			1.32	1.01	1.33	1.13	42.9	25.2	07.3	3.40	560	037
0907	061	18.9	27.4	1.38	1.09	1.39	1.09	39.5	22.2	07.7	3.15	581	061
0914	056	14.6	33.4	1.29	1.06	1.24	1.01	44.4	21.4	05.7	3.95	485	044
0923	056	15.0	34.0	1.25	1.01	1.18	0.99	41.8	22.3	05.9	4.45	451	034
0924	081	09.7	32.7	0.96	0.82	0.86	0.73	34.6	16.5	07.0	4.97	431	028
0925	060	13.7	32.2	1.10	0.92	1.05	0.92	40.5	19.9	06.0	4.75	451	034
0926	054	15.0	33.3	1.26	1.04	1.22	1.01	39.0	20.6	06.6	3.95	511	044
0928	058	15.1	28.6	1.43	1.17	1.41	1.09	39.3	21.8	07.7	3.28	566	054



ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0929	20747	0100	AHA 1950,6-1-4-66	1	3	2	0	2
0930	28991	0100	AHA 4-1	1	3	2	0	2
0933	29241	0100	PI 194852 28 C3	1	3	2	0	1
0934	28992	0100	AC 4067-5	1	2	2	0	1
0935	20748	0100	PI 194846 53 D7	1	4	2	0	3
0936	29242	0100	PI 194850 2 C1	1	3	2	0	1
0937	29243	0100	PI 194848 S.A. 3	1	4	2	0	1
0938	20749	0100	PI 194847 C 6	1	2	2	0	2
0939	29244	0100	PI 194853 2X4	1	3	2	0	2
0940	29245	0100	PI 194849 53 D4	1	3	2	0	1
0941		0100	PI 194845 49 D2	1	3	2	0	2
0942	29246	0100	PI 194851 29X2	1	3	2	0	1
0943	29247	0100	PI 19484425 D9	1	3	2	0	1
0944	20750	0100	CUP LEAF	1	3	2	0	2
0945		0100	GOLDEN CROWN	1	3	2	0	2
0946	28993	0100	AUBURN 56	1	3	2	0	2
0947	20751	0100	AUBURN 81-16	1	3	2	0	2
0948	20752	0100	ALL-IN-ONE	1	3	2	0	2
0949	20753	0100	ANDREWS	1	2	2	0	2
0950	20754	0100	BOBSHAW 1A	1	4	2	0	2
0951	29036	0100	DIXIE KING	1	3	2	0	2
0952	20755	0100	BOBSHAW 99	1	3	2	0	2
0953	28994	0100	BOBSHAW HIGH LINTER	1	2	2	0	2
0954	26641	0100	COKER 124	1	3	2	0	2
0955	29037	0100	DELTAPINE STAPLE	1	3	2	0	2
0956	29038	0100	DELTAPRIDE 905	1	3	2	0	2
0957	29039	0100	DELTAPRIDE 915	1	3	2	0	2
0958	29040	0100	DORTCH 1	1	3	2	0	2
0959	29041	0100	DORTCH 4016	1	3	2	0	2
0960	26642	0100	FOX 041	1	4	2	0	2
0961	26643	0100	HALE 33	1	3	2	0	2
0962	26644	0100	HIBRED	1	4	2	0	3
0963	29091	0100	MAGNOLIA	1	3	2	0	2
0964	26645	0100	LA. 33X14	1	3	2	0	2
0965	26646	0100	PLAINS	1	3	2	0	2
0966	26647	0100	PAYMASTER 54B	1	3	2	0	2
0967	29167	0100	SPEARS 3	1	3	2	0	2
0968	29168	0100	STONEVILLE 3202	1	3	2	0	2
0969	29169	0100	T-89	1	3	2	0	2
0970	29170	0100	STARDEL	1	4	2	0	2

S. A. NO.	BOLL SIZE	SEED INO.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIPE	AREALON- METER	
				UHM	MEAN	UHM	MEAN					A	D
0929	065	15.4	30.7	1.28	1.03	1.23	1.06	45.5	24.2	05.4	4.63	463	022
0930	053	14.9	33.1	1.25	1.05	1.17	0.98	38.8	20.8	06.4	4.10	483	039
0933	072	11.4	32.4	0.90	0.79	0.85	0.77	34.0	17.1	07.7	5.65	393	029
0934	058	14.8	29.8	1.19	0.97	1.12	0.92	42.1	21.4	07.7	3.78	507	045
0935	064	13.4	29.7	1.24	0.95	1.23	0.98	39.6	23.0	06.6	4.13	481	031
0936	090	11.0	32.4	0.97	0.84	0.90	0.78	40.0	18.2	06.7	5.73	388	012
0937	090	14.1	22.4	1.35	1.07	1.30	1.09	36.3	21.2	08.5	4.25	481	023
0938	060	12.9	35.4	1.15	0.97	1.13	0.97	36.2	18.5	07.6	4.60	455	034
0939	078	11.6	31.6	1.13	0.91	1.12	0.95	36.1	18.7	07.1	4.58	453	029
0940	086	11.3	32.5	1.14	0.97	1.10	0.97	33.1	18.4	08.9	5.10	425	016
0941	078	11.3	37.4	1.00	0.86	0.95	0.82	38.6	16.6	06.2	5.38	402	023
0942	069	11.1	34.2	0.93	0.81	0.85	0.76	35.7	17.3	08.0	5.50	397	027
0943	055	16.1	29.1	1.28	1.01	1.25	1.09	37.6	20.2	06.8	5.03	432	028
0944	063	14.0	32.5	1.16	0.89	1.15	0.88	38.6	16.8	06.8	3.85	507	041
0945	066	12.7	35.3	1.22	1.04	1.16	0.97	34.8	18.9	07.4	3.93	499	037
0946	063	14.0	29.7	1.12	0.97	1.17	0.92	34.7	20.9	07.2	3.73	503	050
0947	066	13.3	33.5	1.18	0.97	1.10	0.95	40.4	19.3	05.3	5.42	386	023
0948	053	15.2	31.6	1.21	1.02	1.13	0.95	36.9	17.6	08.0	4.13	493	037
0949	054	16.9	34.5	1.11	0.90	1.03	0.89	35.8	18.8	06.8	4.75	437	026
0950	063	13.4	32.5	1.18	1.06	1.08	0.94	39.0	19.9	05.9	5.45	386	054
0951	059	12.1	32.1	1.22	0.95	1.19	0.97	38.7	20.4	06.8	3.88	516	048
0952	055	14.4	35.8	1.20	0.89	1.18	0.98	40.9	20.5	06.5	4.33	465	029
0953	075	10.4	39.8	1.08	0.85	1.04	0.89	37.1	21.5	09.1	4.23	473	037
0954	060	12.4	36.5	1.19	0.95	1.13	0.93	36.0	20.1	08.3	4.30	480	035
0955	073	12.1	33.8	1.20	0.94	1.14	0.96	36.8	20.2	07.8	4.78	438	027
0956	066	13.4	30.5	1.23	0.95	1.16	0.97	39.4	20.2	06.2	4.30	471	042
0957	070	14.7	26.9	1.29	0.95	1.29	1.03	41.7	21.6	06.2	3.23	552	056
0958	051	14.8	33.6	1.16	0.93	1.11	0.97	37.7	18.2	06.9	5.33	425	022
0959	067	11.0	37.1	1.22	0.94	1.18	0.97	39.7	19.7	08.2	4.25	477	033
0960	066	12.2	34.4	1.24	1.02	1.15	0.95	35.8	20.1	08.0	4.55	456	040
0961	071	11.6	37.6	1.14	0.92	1.06	0.85	38.3	17.9	06.7	4.40	467	031
0962	056	13.3	39.4	1.05	0.92	0.97	0.85	33.1	16.1	06.5	5.80	331	019
0963	073	11.2	34.6	1.20	1.01	1.16	1.01	40.0	21.4	07.1	4.03	500	038
0964	074	12.5	34.4	1.24	1.01	1.20	0.98	32.7	17.8	09.0	4.03	485	042
0965	064	13.5	35.0	1.20	0.96	1.16	0.95	39.0	19.0	05.7	4.18	482	024
0966	053	13.1	36.4	1.06	0.93	0.99	0.86	31.0	17.2	07.5	4.75	450	032
0967	067	15.9	28.2	1.48	1.14	1.47	1.16	45.0	25.0	06.8	3.45	546	047
0968	060	13.2	33.6	1.15	0.88	1.16	0.95	30.8	16.3	08.5	4.10	492	038
0969	058	14.5	36.8	1.13	0.90	1.10	0.89	41.2	20.7	06.4	4.23	471	032
0970	070	13.8	33.2	1.26	1.01	1.25	1.03	40.9	20.9	06.7	3.85	501	050

ID. NUMBERS			DESIGNATION	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
0971	29171	0100	STONEVILLE 7	1	3	2	0	2
0972	26648	0100	PAVLA 400	1	3	2	0	2
0974	29172	0100	SPEARS UPLAND EARLY LONG STAPLE	1	3	2	0	2
0975	29971	0100	TUXTULA SMALL BRCT 1	1	3	3	0	2
0976	29972	0100	TUXTULA SMALL BRCT 2	1	3	2	0	2
0977	20756	0100	COLUMBIAN	1	3	2	0	2
0978	29042	0100	EARLY FLOFF	1	4	2	0	2
0979	20797	0100	GLANDLESS BOLL 1	1	3	2	0	2
0980	29973	0100	STRAIN 1 D2	1	2	2	0	2
0981	22088	0100	MULTIPLE LOCK, WEST TEX	1	3	2	0	1
0982	29248	0100	5143	1	5	2	0	1
0983	29249	0100	A 460	1	4	2	0	2
0984	29250	0100	A 2106	1	5	2	0	1
0985	29251	0100	A 7215	1	5	2	0	2
0986	20757	0100	SAENZ PENA 61	1	4	2	0	2
0987	29252	0100	SAENZ PENA 85	1	4	2	0	2
0988		0100	DURANGO	1	3	2	0	2
0989	29043	0100	DURANGO 1951 INTRODUCTION	1	3	2	0	2
0990	29044	0100	DURANGO 18	1	3	2	0	2
0991		0100	DURANGO E-10-A-24	1	3	2	0	2
0992		0100	DURANGO E-44-45	1	3	2	0	2
0993		0100	DURANGO E-44-50	1	3	2	0	2
0994		0100	DURANGO	1	3	2	0	2
0995		0100	DURANGO 18-D-12-C	1	3	2	0	1
0996	26649	0100	POPE	1	3	2	0	2
0997	29173	0100	T-92	1	3	2	0	2
0998	29045	0100	DES 716	1	1	2	0	2
0999	29046	0100	DES 717	1	1	2	0	2
1000	29047	0100	DES 723	1	1	2	0	2
1001	29092	0100	HOP1 ORAIBI	1	4	2	0	2
1002		0100	H.A. 8	1				
1003		0100	YELLOW GREEN, RUGOSE CH DW	3	3	2	0	2
1004	29174	0100	STORM KING T.P.S.A. NO. 1	1	4	2	0	2
1005	29093	0100	LANKART SEL. 57	1	3	2	0	2
1006	26650	0100	LANKART SEL. 611	1	3	2	0	2
1007	26651	0100	WACONA 8	1	3	2	0	2
1008	29175	0100	STUFFLEBEME STORMPROOF	1	3	2	0	2
1009	29048	0100	DUNN 248R	1	3	2	0	2
1010	20758	0100	AUSTIN	1	3	2	0	2
1011	20759	0100	ANTON 22	1	3	2	0	2

S.A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		10	11	E1	HICPO- NAIRE	APFALID- METEP	
				UHH	MEAN	UHH	MEAN					A	D
0971	076	12.1	33.8	1.14	0.89	1.12	0.91	33.7	17.6	07.1	3.83	508	051
0972	057	12.2	34.0	1.14	0.95	1.07	0.91	39.2	19.4	05.8	4.53	458	032
0974	062	15.7	28.6	1.40	1.06	1.41	1.16	35.0	25.3	05.7	3.63	524	042
0975	052	16.6	31.8	1.21	0.94	1.21	0.93	38.8	18.6	06.4	3.68	504	044
0976	051	17.2	28.2	1.22	0.95	1.19	0.88	34.8	17.1	07.2	3.30	535	044
0977	060	12.7	38.5	1.21	1.00	1.17	1.03	37.1	19.0	07.8	4.83	431	026
0978	070	13.5	29.9	1.22	0.97	1.16	1.00	39.4	19.7	07.0	4.55	454	031
0979	067	14.5	33.3	1.09	0.90	1.04	0.84	35.7	16.3	07.4	4.33	465	042
0980	074	11.1	39.8	1.13	0.91	1.06	0.85	38.2	19.8	07.8	4.33	466	023
0981	074	12.8	34.4	1.03	0.90	0.97	0.86	38.8	18.0	06.7	5.10	410	035
0982	084	11.4	29.1	1.19	0.94	1.17	0.97	38.4	18.9	07.3	3.98	502	045
0983	074	12.0	29.1	1.17	0.91	1.18	0.94	38.7	20.0	06.3	2.95	592	062
0984	077	15.2	28.3	1.22	0.98	1.19	1.01	34.5	19.1	08.4	4.18	487	042
0985	081	12.3	28.8	1.27	0.99	1.28	1.01	39.4	23.5	07.1	3.20	573	056
0986	064	13.5	34.5	1.16	0.96	1.11	0.97	36.5	19.4	08.4	4.08	480	037
0987	070	12.8	34.6	1.18	0.99	1.17	1.02	35.0	19.2	09.3	4.13	481	037
0988	085	12.2	28.9	1.22	1.01	1.15	0.94	43.8	23.3	06.6	3.58	534	039
0989	059	14.0	31.2	1.24	1.03	1.16	0.96	37.8	21.2	07.8	3.73	520	042
0990	080	13.1	28.9	1.18	0.98	1.10	0.96	42.0	24.5	06.6	3.30	565	056
0991	074	13.4	30.0	1.14	0.95	1.06	0.88	41.7	23.0	06.7	3.18	558	054
0992	084	14.4	28.4	1.15	0.97	1.07	0.91	39.1	23.5	06.8	3.30	559	053
0993	118	12.4	26.1	1.18	1.01	1.11	0.92	43.3	22.8	06.4	2.78	614	081
0994	169		28.8	1.26	1.06	1.19	0.97	42.4	25.2	06.2	3.33	560	051
0995	065	12.6	35.9	1.24	1.06	1.16	0.97	35.5	19.1	07.7	3.95	503	047
0996	059	13.5	37.2	1.14	0.95	1.09	0.90	42.0	17.7	05.8	4.40	458	029
0997	065	14.0	36.8	1.10	0.85	1.07	0.87	42.7	19.4	05.6	4.03	481	031
0998	075	10.5	36.5	1.16	0.93	1.07	0.86	36.7	20.6	08.3	3.80	509	044
0999	073	10.7	36.1	1.19	0.95	1.11	0.89	36.8	21.4	08.5	3.93	498	040
1000	087	10.0	35.8	1.17	0.97	1.10	0.88	38.1	21.5	08.7	3.63	525	052
1001	066	12.3	33.6	1.02	0.87	0.98	0.84	34.3	16.0	07.7	5.28	410	019
1002	083	13.3	29.4	1.17	0.89	1.14	0.86	39.0	20.5	07.1	3.88	510	051
1003	107	11.4	30.1	1.06	0.77	1.06	0.82	35.5	17.8	07.4	3.58	523	038
1004	055	14.2	37.1	1.14	0.92	1.11	0.92	34.9	17.4	07.6	4.28	463	030
1005	048	15.9	37.3	1.14	0.95	1.09	0.95	31.0	16.7	09.0	4.75	434	033
1006	052	14.8	36.9	1.15	0.95	1.09	0.93	33.4	17.4	07.3	4.63	446	032
1007	055	14.3	33.4	1.15	0.92	1.15	0.96	34.5	18.1	08.4	3.90	502	033
1008	049	14.3	35.2	1.15	0.99	1.12	0.95	34.2	17.6	08.6	4.28	483	032
1009	064	11.1	35.0	1.08	0.90	1.00	0.79	36.4	18.7	08.0	3.80	513	048
1010	049	15.8	35.1	1.16	0.88	1.13	0.95	38.4	19.4	06.4	4.13	473	035
1011	046	14.7	36.1	1.13	0.87	1.10	0.95	30.8	15.3	08.4	4.95		023

ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
1012	20760	0100	BRAZOS	1	3	2	0	2
1013	26652	0100	NORTHERN STAR 5	1	3	2	0	2
1014	26653	0100	NORTHERN STAR 4-11	1	3	2	0	2
1015	29094	0100	QUALLA 60-8	1	3	2	0	2
1016	20761	0100	ANTON STORMPROOF 99	1	3	2	0	2
1017	29095	0100	LOCKETT 88A	1	3	2	0	1
1018	29176	0100	TIDELAND T.P.S.A. NO. 1	1	3	2	0	2
1019	29253	0100	WESTERN STORMPROOF	1	2	2	0	1
1020	28995	0100	BLIGHTMASTER	1	3	2	0	1
1021	26654	0100	PAYMASTER 101	1	3	2	0	3
1022	26655	0100	PAYMASTER 548	1	3	2	0	2
1023	26656	0100	MALONE'S MACHINE HARVESTER	1	3	2	0	2
1024	26657	0100	WATSON'S STORMPROOF	1	3	2	0	2
1025	26658	0100	GREGG	1	3	2	0	2
1026	20762	0100	ANTON 105	1	3	2	0	2
1027	29177	0100	RILCOT	1	3	2	0	2
1028	26659	0100	WESCOT	1	3	2	0	2
1029	20763	0100	BAGLEY STORM TEX 159	1	3	2	0	2
1030	29178	0100	STONEVILLE 426	1	4	2	0	2
1031	29179	0100	STONEVILLE 508	1	3	2	0	2
1032	29180	0100	STONEVILLE 3202-11571	1	3	2	0	2
1033	29181	0100	STONEVILLE 3202-43052	1	3	2	0	2
1034		0100	8 14AZ	1	3	2	0	2
1035	29049	0100	SLS 1000	1	3	2	0	2
1036	29050	0100	SLS 21726	1	3	2	0	2
1037	29051	0100	SLS 51130	1	3	2	0	2
1038	29096	0100	PARROTT	1	3	2	0	3
1039	29182	0100	STONEVILLE 62	1	3	2	0	3
1040	20764	0100	ACAL 1517C	1	3	2	0	2
1041	26660	0100	LANKART 57-22	1	3	2	0	2
1042	26661	0100	NORTHERN STAR 1	1	3	2	0	3
1043	28996	0100	ACALA, MESSILLA VALLEY 898	1	3	2	0	3
1044	29183	0100	STORM KING T.P.S.A. NO. 41	1	2	2	0	2
1045	28997	0100	ACALA 44	1	3	2	0	2
1046	29097	0100	LOCKETT 1	1	3	2	0	2
1047	28998	0100	ACALA 4-42	1	3	2	0	2
1048	26662	0100	ACALA, TEXACALA	1	3	2	0	2
1049	28999	0100	ACALA, 4-42WR	1	3	2	0	2
1050	29254	0100	CB 3148	1	3	2	0	2
1051	20765	0100	CB 3149	1	3	2	0	2

S. A. NO.	BOLL SIZE	SEED IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRF	AREAL D- METER	
				UHM	MEAN	UHM	MEAN					A	D
1012	066	12.9	36.1	1.17	0.91	1.12	0.95	37.2	17.0	06.9	4.80	431	022
1013	055	15.6	34.0	1.14	0.92	1.05	0.82	33.8	17.5	06.7	4.08	481	043
1014	052	14.5	33.9	1.21	1.00	1.16	0.96	35.4	17.9	07.1	4.48	455	032
1015	057	13.2	35.0	1.10	0.93	1.07	0.86	35.9	17.8	07.1	4.30	468	038
1016	048	15.9	35.9	1.14	0.93	1.06	0.91	31.0	16.5	09.1	4.70	423	025
1017	059	12.3	36.2	1.00	0.87	0.95	0.84	35.8	16.7	06.0	4.82	436	025
1018	064	14.5	33.5	1.15	0.91	1.10	0.71	39.4	19.7	06.7	4.03	482	033
1019	057	13.7	35.6	1.08	0.88	1.06	0.92	35.5	16.5	06.7	4.03	476	039
1020	060	12.5	34.5	1.11	0.87	1.09	0.92	37.5	18.0	06.7	4.03	477	035
1021	062	12.6	35.2	1.10	0.88	1.05	0.86	34.2	16.9	06.4	3.73	525	042
1022	052	12.8	36.2	1.05	0.92	1.00	0.89	32.6	17.5	08.4	4.50	454	030
1023	051	14.5	36.3	1.10	0.96	1.05	0.91	32.9	18.4	07.6	4.83	440	030
1024	044	16.1	34.3	1.21	0.97	1.19	1.02	32.9	18.0	09.2	3.98	484	047
1025	056	13.9	33.0	1.11	0.95	1.05	0.92	39.8	20.5	06.3	4.33	474	036
1026	045	15.4	33.6	1.05	0.81	1.04	0.90	41.5	19.9	05.7	4.80	440	028
1027	060	13.2	33.8	1.01	0.91	0.94	0.81	38.5	20.1	06.2	4.76	434	019
1028	062	13.4	35.3	1.20	0.95	1.21	1.02	40.3	20.5	07.3	3.65	527	052
1029	046	16.0	34.6	1.17	0.92	1.14	0.97	38.5	19.0	07.5	4.18	470	029
1030	070	12.1	33.5	1.21	1.00	1.17	0.96	35.6	17.6	06.8	4.25	484	035
1031	072	11.4	37.1	1.22	0.96	1.18	0.97	37.5	19.6	07.9	4.22	499	033
1032	068	11.8	36.8	1.15	0.90	1.11	0.88	32.7	17.6	07.2	4.50	468	029
1033	063	12.5	34.8	1.15	0.90	1.11	0.87	39.9	17.5	06.3	4.48	463	034
1034	079	13.2	29.4	1.25	1.06	1.21	1.05	33.7	19.8	09.0	4.25	476	056
1035	070	12.0	35.5	1.12	0.90	1.07	0.87	35.7	18.4	07.4	4.33	465	035
1036	076	11.4	34.5	1.29	1.03	1.21	0.97	40.1	22.1	08.0	3.83	523	042
1037	077	10.9	38.3	1.15	0.91	1.08	0.84	38.9	19.6	07.1	4.03	495	033
1038	054	13.2	38.3	1.05	0.89	1.02	0.87	36.2	17.7	07.4	5.10	418	025
1039	068	12.8	33.9	1.07	0.84	1.07	0.90	34.7	16.5	06.9	3.73	498	050
1040	056	13.8	33.9	1.23	0.97	1.17	0.94	43.8	22.8	06.0	4.25	468	027
1041	056	12.5	41.0	1.05	0.90	0.99	0.85	34.0	17.8	09.0	4.43	449	031
1042	057	13.7	33.5	1.15	0.97	1.11	0.95	38.0	19.0	06.9	4.28	470	035
1043	055	16.1	32.6	1.44	1.16	1.39	1.16	50.3	30.5	05.5	4.08	485	028
1044	047	14.8	36.1	1.15	0.94	1.14	0.99	35.6	17.9	08.3	4.53	448	040
1045	057	13.7	36.7	1.18	0.89	1.16	0.96	42.4	21.3	06.5	3.98	482	031
1046	063	11.5	37.5	1.03	0.87	0.98	0.86	35.1	15.8	06.6	4.58	455	038
1047	053	14.2	37.8	1.19	0.96	1.14	0.95	41.5	23.1	06.6	4.13	470	033
1048	058	14.8	34.9	1.21	0.91	1.19	0.95	37.2	19.3	07.4	3.85	487	037
1049	056	15.4	34.1	1.22	0.99	1.21	1.04	39.3	21.5	07.1	3.93	485	033
1050	063	12.4	35.4	1.04	0.89	1.00	0.87	38.3	19.7	07.6	5.13	415	018
1051	056	13.3	33.8	1.15	0.96	1.14	0.98	35.8	20.5	08.3	4.58	454	018

ID. NO.	NUMBERS S.A. FT. NO. COLLINS	SP. & RACE	D E S I G N A T I O N	FIELD SCORES				
				1	2	3	4	5
1052	29255	0100	51.041(V1508)	1	3	2	0	2
1053		0100	108F	1	5	2	0	2
1054	29256	0100	M4	1	6	2	0	2
1055	29257	0100	M 100	1	5	2	0	2
1056	29052	0100	COKER 100A	1	3	2	0	2
1057	29053	0100	COKER 124C	1	3	2	0	2
1058	29054	0100	DELFOS 8274	1	4	2	0	2
1059	29000	0100	ACALA 15170	1	3	2	0	2
1060	26663	0100	FOX 42 05-7139	1	3	2	0	2
1061		0100	DPL 1279-5128	1	4	2	0	2
1062	29055	0100	DPL 523M-328-4852	1	3	2	0	2
1063	29056	0100	DPL 5317-42-56-65	1	3	2	0	2
1064	29001	0100	B1	1	3	2	0	2
1065	26664	0100	BS	1	3	2	0	2
1066	20766	0100	BN	1	3	2	0	2
1067	26665	0100	BL	1	3	2	0	2
1068	29002	0100	B7	1	3	2	0	2
1069	29057	0100	CR-4	1	3	2	0	2
1070	20767	0100	CB 2840	1	2	2	0	2
1071	29184	0100	REX	1	3	2	0	2
1072	26666	0100	BOBSHAW HIGH LINTER	1	4	2	0	2
1073	29003	0100	BOBSHAW HYBRID 82	1	3	2	0	2
1074	26667	0100	DELTAPRIDE - 905	1	3	2	0	2
1075	29058	0100	DIXIE KING 631	1	3	2	0	2
1076	26668	0100	DIXIE KING 6374	1	3	2	0	2
1077	29059	0100	DIXIE KING 6448	1	3	2	0	2
1078	29004	0100	ACALA, N.M. 8093	1	3	2	0	2
1079		0100	681-C	1	3	2	0	2
1080	29258	0100	942	1	4	2	0	2
1081		0100	944	1	4	2	0	2
1082		0100	TIMOK 811	1	3	2	0	1
1083	29259	0100	A.M. 7	1	4	2	0	1
1084	20768	0100	182	1	4	2	0	2
1085	20769	0100	CB 3031	1	3	2	0	2
1086	20770	0100	CB 3080	1	2	2	0	2
1087	22089	0100	CB 3101	1	4	2	0	2
1088	22090	0100	CB 3106A	1	3	2	0	2
1089	22091	0100	CB 3106B	1	3	2	0	2
1090		0100	MS-1	1	4	2	0	2
1091	20798	0100	FS-1	1	4	2	0	2

S. A. NO.	BOLL SIZE	SEED INO.	LINT PCT.	DRAWING SLIVER		RAW STOCK		TC	T1	E1	MICRO- NAIRE	AREALOMETER	
				UHM	MEAN	UHM	MEAN					A	D
1052	056	13.5	34.2	1.10	0.94	1.06	0.92	35.9	18.9	08.3	5.08	425	018
1053	100	11.0	29.7	1.17	0.95	1.15	0.94	42.3	22.0	06.5	3.45	540	060
1054	079	10.8	30.9	1.03	0.88	1.00	0.87	39.8	20.8	06.8	4.15	483	052
1055	084	10.9	31.5	1.15	0.89	1.16	0.94	38.6	20.0	07.8	3.43	545	057
1056	063	12.9	35.4	1.25	1.07	1.17	1.00	35.3	18.5	07.5	4.78	444	029
1057	069	12.5	36.0	1.26	1.04	1.21	1.00	36.2	20.5	07.7	4.13	490	045
1058	071	12.5	36.2	1.25	0.99	1.19	0.96	37.7	19.7	06.9	4.60	429	027
1059	061	14.6	33.5	1.31	1.04	1.26	1.03	43.9	24.4	06.3	1.38	456	023
1060	069	12.8	39.0	1.18	1.00	1.13	0.95	35.2	19.4	08.2	5.05	428	024
1061	069	12.4	36.3	1.27	1.05	1.19	0.97	37.5	21.4	07.7	4.30	472	029
1062	071	10.6	40.0	1.18	0.98	1.08	0.92	44.5	24.0	05.8	5.55	400	013
1063	069	11.8	32.6	1.26	1.05	1.15	0.89	45.5	25.4	05.5	4.48	461	026
1064	070	11.2	28.8	0.97	0.83	0.89	0.79	33.4	16.7	08.6	4.73	425	028
1065	065	11.0	37.5	0.98	0.77	0.90	0.78	37.1	14.4	05.6	4.23	450	028
1066	050	16.2	33.0	1.28	1.02	1.22	1.00	39.9	21.8	06.4	4.43	445	015
1067	060	14.3	35.2	1.15	0.89	1.11	0.95	35.8	18.4	07.5	4.25	458	025
1068	063	12.2	35.3	1.10	0.94	1.04	0.86	36.4	17.6	06.3	5.08	409	021
1069	059	13.2	35.6	1.21	1.04	1.14	0.98	37.1	19.9	06.9	3.98	500	047
1070	060	14.6	35.3	1.16	0.94	1.12	0.93	41.6	18.8	06.6	3.95	487	040
1071	059	14.4	34.6	1.16	0.91	1.14	0.94	36.5	16.9	07.3	4.30	472	037
1072	079	11.1	43.0	1.02	0.87	0.95	0.85	35.1	17.9	09.2	5.35	404	016
1073	067	10.2	40.1	1.15	0.92	1.08	0.89	35.8	19.8	09.5	4.75	423	026
1074	066	11.9	33.7	1.23	0.98	1.19	0.96	36.4	18.9	06.2	3.80	513	051
1075	059	12.9	34.0	1.26	1.06	1.22	0.99	35.9	20.1	08.0	3.85	515	047
1076	064	11.6	38.7	1.19	1.01	1.11	0.94	37.0	19.2	07.0	4.28	478	041
1077	064	12.5	31.1	1.25	1.01	1.18	0.93	39.1	20.0	07.7	3.60	536	051
1078	062	13.6	35.7	1.25	0.99	1.23	1.02	45.7	24.9	06.1	4.05	472	026
1079	111	09.6	26.0	0.99	0.87	0.95	0.85	38.3	19.2	06.3	4.65	453	027
1080	109	09.3	29.4	0.99	0.86	0.92	0.80	38.0	18.7	06.7	5.08	428	019
1081	083	11.5	24.4	0.96	0.85	0.88	0.79	33.2	18.3	07.8	5.38	412	021
1082	085	13.0	23.4	0.96	0.84	0.87	0.75	37.7	18.4	07.2	4.85	442	028
1083	064	14.0	32.7	1.12	0.94	1.10	0.91	37.5	18.4	06.9	4.35	463	037
1084	090	11.7	26.9	1.01	0.88	0.96	0.84	38.5	20.3	06.6	4.60	453	036
1085	060	12.9	32.8	1.09	0.94	1.06	0.94	37.6	19.6	07.6	4.58	443	030
1086	060	13.5	33.6	1.13	0.97	1.09	0.94	33.7	17.7	07.0	4.25	457	031
1087	057	12.9		1.15	0.95	1.11	0.92	36.5	19.2	07.9	4.30	465	031
1088	057	13.8	35.0	1.09	0.91	1.04	0.90	34.7	18.0	08.1	4.83	428	027
1089	058	13.5	33.0	1.10	0.93	1.07	0.94	35.5	18.2	07.9	4.68	445	026
1090	054	12.2	39.9	1.18	0.91	1.17	0.90	39.2	18.3	06.8	4.68	428	024
1091	076	11.2	37.7	1.17	0.96	1.13	0.94	37.8	19.7	07.9	4.43	467	032



ID. NUMBERS S.A. NO.	FT. COLLINS	SP. & RACE	D E S I G N A T I O N	FIELD SCORES				
				1	2	3	4	5
1094		0100	H.A. 11	1		2	0	2
1095	20799	0100	FOX BIG BOLL	1	3	2	0	2
1096	29974	0100	AK OJURA HIGG BROWN	1	4	3	0	1
1098		0100	SUPER OKRA VIRESCENT	3	3	2	0	2
1099		0100	YEL GR, RU CHLOROTIC DW R2 MAR	3	3	3	0	2
1100		0100	H.A. 9	1	4	2	0	2
1101	30024	0100	124-68-6-10	1	3	2	0	2
1102		0100	OC ACALA	1	3	2	0	2
1103		0100	ACALA 5	1	3	2	0	2
1104	30025	0100	D2 SMOOTH MUTANT	1	4	2	0	2
1105	30026	0100	SANTAN ACALA 25	1	3	2	0	2
1106	30027	0100	CB 3423	1	3	2	0	2
1107	30028	0100	CB 3424	1	4	2	0	2
1108	30029	0100	CB 3425	1	3	2	0	2
1109	30030	0100	KEKCHI 4	1	3	2	0	2
1110		0100	EARLY UPLAND FROM YUGOSLAVIA	1	3	2	0	2
1111	30031	0100	ACALA 2	1	4	2	0	3
1112		0100		1	3	2	0	2
1113		0100	EMPIRE	1	4	2	0	2
1114		0100	JL-I-S (MS)	1	4	2	0	3
1115		0100	F-2-C-10	1	4	2	0	2
1116		0100	NC-4-M (3)	1	4	2	0	2
1117		0100	GLANDLESS NC-1	1	3	2	0	2
1118		0100	N.C. MARGIN	5	4	3	0	2
1119		0100	M11	1	4	2	0	2
1120		0100	WESTEX	1	3	2	0	2
1121		0100	M8	1	4	2	0	2
1122		0100	LOCKETT 4789	1	2	2	0	2
1123		0100	GREGG 35	1	3	2	0	2
1124		0100	WESTERN STORMPROOF	1	3	2	0	3
1125		0100	SMOOTH LEAF, TPSA-41	1	3	2	0	2
1126		0100	SMOOTH LEAF, TPSA-35	1	4	2	0	3
1127		0100	NORTHERN STAR 4-11	1	3	2	0	2
1128		0100	TIDELAND, TPSA-69	1	3	2	0	2
1129		0100	MALONE'S MACHINE HARVESTER	1	3	2	0	2
1130		0100	DELTAPINE TPSA	1	3	2	0	3
1131		0100	LANKART SEL. 57	1	3	2	0	2
1132		0100	STORMKING, TPSA NO. 1	1	3	2	0	2
1133		0100	ANTON STORMPROOF 99	1	3	2	0	2
1134		0100	NORTHERN STAR 5	1	3	2	0	3

S.A. NO.	BOLL SIZE	SEFD IND.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRF	APRALD- METEC	
				UHM	MEAN	UHM	MEAN					A	D
1094	101	08.7	34.8	1.10	0.89	1.07	0.90	40.2	19.2	06.6	3.68	527	046
1095	052	16.4	31.8	1.25	1.07	1.24	1.03	34.5	20.2	07.4	4.15	475	037
1096	087	12.4	30.9	0.92	0.78	0.84	0.70	32.2	14.7	08.0	5.05	411	019
1098	086	12.3	34.7	1.06	0.90	1.02	0.90	38.1	19.6	07.4	4.98	436	016
1099	159	13.2	30.4	1.10	0.84	1.06	0.75	39.7	19.7	06.5	3.03	566	062
1100	062	14.0	36.4	1.10	0.90	1.05	0.88	33.1	15.7	07.6	4.70	440	028
1101	063	14.5	38.3	1.15	0.97	1.07	0.86	41.5	21.2	07.7	3.60	496	049
1102	068	13.3	34.0	1.11	0.93	1.07	0.91	35.5	18.0	08.6	3.95	500	035
1103	060	14.3	29.3	1.15	1.02	1.10	0.98	37.1	19.5	07.2	4.63	455	021
1104	075	12.4	39.7	1.19	0.97	1.14	0.92	37.2	19.3	06.5	4.53	443	028
1105	056	14.8	36.0	1.22	1.03	1.17	0.93	33.0	19.2	09.6	4.28	455	023
1106	066	12.0	33.1	1.11	0.97	1.05	0.91	38.5	21.2	07.4	4.08	430	030
1107	058	12.8	36.8	1.09	0.92	1.02	0.85	37.3	19.0	07.1	4.13	458	034
1108	066	14.2	36.8	1.23	1.02	1.19	0.95	34.6	19.5	08.0	4.25	474	033
1109	057	16.7	29.3	1.17	0.98	1.12	0.89	35.4	20.3	06.7	3.23	512	048
1110	155	08.2	27.0	0.95	0.84	0.86	0.76	37.5	17.6	06.7	4.03	480	034
1111	068	18.7	33.8	1.19	1.04	1.14	0.97	39.3	22.9	07.3	4.43	456	025
1112													
1113	059	14.2	22.9	1.20	1.07	1.11	0.98	36.2	20.9	08.0	4.43	445	024
1114	077	13.4	30.7	1.12	0.94	1.06	0.78	40.3	20.2	06.8	3.23	576	060
1115	069	15.0	29.5	1.08	0.96	1.02	0.91	33.8	18.2	08.0	4.30	473	039
1116	076	13.5	30.0	1.03	0.88	0.95	0.77	38.2	19.6	06.2	3.63	505	047
1117	074	16.1	31.4	1.02	0.89	0.96	0.87	40.7	21.5	06.2	5.15	403	020
1118	065	13.9	37.4	1.16	0.99	1.13	0.95	40.0	20.8	06.4	3.90	493	024
1119	048	16.6	34.4	1.22	1.04	1.16	0.98	38.6	19.7	06.2	4.23	453	034
1120	066	14.1	31.4	0.98	0.84	0.97	0.82	37.0	18.0	06.0	4.90	410	020
1121	068	11.7	37.9	1.19	1.01	1.14	0.96	36.8	20.5	07.9	4.13	464	038
1122	055	15.2	32.2	1.21	1.02	1.19	1.01	36.8	18.6	06.7	4.35	458	031
1123	060	15.0	31.4	1.11	0.96	1.07	0.92	41.6	21.3	05.9	4.08	462	028
1124	059	13.4	37.1	1.12	0.96	1.06	0.90	38.4	18.2	05.6	4.53	445	034
1125	052	15.1	36.5	1.16	0.96	1.11	0.91	35.3	18.0	07.4	5.28	412	020
1126	055	15.3	37.9	1.12	0.96	1.06	0.93	35.7	18.1	07.3	5.43	412	021
1127	052	16.5	33.0	1.20	1.02	1.19	1.01	37.8	18.9	07.6	4.63	445	029
1128	063	14.5	37.3	1.14	0.96	1.08	0.92	39.0	17.0	06.9	4.80	418	027
1129	047	16.2	37.3	1.10	0.93	1.03	0.83	31.3	15.4	08.2	4.80	425	032
1130	075	11.9	36.1	1.18	0.97	1.14	0.96	36.2	16.9	07.2	4.55	452	030
1131	051	16.1	37.6	1.13	0.94	1.09	0.93	31.0	15.2	09.1	4.55	444	029
1132	052	16.9	34.4	1.15	0.99	1.12	0.94	35.1	18.5	08.4	4.80	451	024
1133	059	13.7	36.7	1.16	0.98	1.12	0.91	31.1	16.7	08.8	4.48	453	031
1134	064	14.1	37.3	1.11	0.96	1.08	0.93	38.3	19.1	05.8	4.63	441	036

ID. NUMBERS			D E S I G N A T I O N	FIELD SCORES				
S.A. NO.	FT. COLLINS	SP. & RACE		1	2	3	4	5
1135		0100	WATSON STORMPROOF B-29	1	4	2	0	2
1136		0100	BLIGHT MASTER	1	4	2	0	3
1137		0100	AUSTIN	1	3	2	0	2
1138		0100	RILCOT 90	1	3	2	0	2
1139		0100	PAYMASTER 54 B	1	3	2	0	3
1140		0100	PAYMASTER 101A	1	4	2	0	2
1141		0100	LANKART SEL. 611	1	3	2	0	2
1142		0100	SO-42-3	1	3	2	0	2
1143		0100	SO-42-7	1	4	2	0	2
1144		0100	EMW-63	1	3	2	0	2
1145		0100	AH-49-3-55-19	1	3	2	0	2
1146		0100	SUE-33-10	1	4	2	0	2
1147		0100	CRS-57-51	1	3	2	0	2
1148		0100	AUBURN M	1	3	2	0	2
1149		0100	AUPURN 56	1	4	2	0	3
1150		0100	COKER 100A (WR)	1	3	2	0	3
1151		0100	DELFO 9169	1	3	2	0	2
1152		0100	DELTAPINE 15	1	3	2	0	2
1153		0100	DELTAPINE SMOOTH LEAF	1	3	2	0	2
1154		0100	DELA QUEEN	1	3	2	0	2
1155		0100	DEKALB 108	1	3	2	0	3
1156		0100	DEKALB 220	1	3	2	0	2
1157		0100	DIXIE KING	1	4	2	0	2
1158		0100	EMPIRE WR 61	1	4	2	0	2
1159		0100	FOX 4	1	4	2	0	2
1160		0100	REX SLL	1	3	2	0	2
1161		0100	STARDEL	1	4	2	0	2
1162		0100	STONEVILLE 7A	1	4	2	0	2
1163		0100	STONEVILLE 213	1	3	2	0	2
1164		0100	STONEVILLE 3202	1	3	2	0	2
1165		0100	CAROLINA QUEEN	1	3	2	0	2
1168			KEMP					

S. A. NO.	BOLL SIZE	SEED INO.	LINT PCT.	DRAWING SLIVER		RAW STOCK		T0	T1	E1	MICRO- NAIRE	ARCALLO- METER	
				UHM	MEAN	UHM	MEAN					A	D
1135	058	14.0	35.6	1.13	0.97	1.07	0.92	40.9	20.8	07.1	4.53	447	029
1136	064	13.8	34.4	1.16	0.97	1.15	0.97	36.7	18.6	07.2	4.33	467	027
1137	053	16.4	31.3	1.23	1.05	1.17	0.96	37.7	18.9	06.6	3.95	501	046
1138	057	14.2	33.2	1.06	0.94	1.01	0.90	42.0	19.8	06.2	4.98	417	020
1139	055	12.5	37.4	1.00	0.88	0.95	0.86	29.7	16.9	09.3	4.70	448	029
1140	056	13.6	36.9	1.06	0.92	1.00	0.85	35.2	18.2	06.6	4.75	448	020
1141	059	15.3	35.5	1.10	0.92	1.05	0.87	35.4	15.8	08.8	4.73	436	027
1142	057	14.3	35.7	1.15	0.92	1.12	0.88	34.8	16.4	06.4	4.43	456	030
1143	072	14.6	35.0	1.14	0.96	1.08	0.86	32.4	17.1	07.5	4.68	458	030
1144	053	17.1	35.1	1.21	1.01	1.17	0.98	37.2	19.0	06.4	3.95	494	041
1145	064	13.9	33.1	1.16	0.98	1.14	0.92	36.0	17.4	06.9	3.30	546	062
1146	060	13.0	35.9	1.07	0.93	1.04	0.87	33.0	17.6	07.5	4.55	455	032
1147	055	14.7	36.8	1.15	1.00	1.13	0.97	30.8	15.5	08.2	4.33	464	041
1148	058	14.6	33.8	1.19	1.02	1.16	0.98	33.6	17.2	07.4	4.20	479	037
1149	060	14.0	31.5	1.22	1.05	1.19	0.99	34.4	18.4	08.1	4.30	475	032
1150	066	13.5	32.9	1.26	1.07	1.23	1.03	35.6	18.2	06.9	4.10	477	039
1151	056	14.3	30.7	1.27	1.04	1.25	0.99	32.9	17.4	07.3	3.65	510	045
1152	069	11.7	37.3	1.19	1.00	1.17	0.98	35.9	19.5	08.1	4.38	461	034
1153	068	11.6	36.7	1.19	0.97	1.16	0.96	35.9	18.7	08.0	4.58	447	030
1154	055	14.7	34.1	1.23	1.04	1.20	1.02	34.4	15.4	07.1	4.55	446	022
1155	065	14.0	35.2	1.15	0.97	1.11	0.96	35.5	16.9	07.1	4.55	451	032
1156	059	14.4	33.5	1.19	0.98	1.15	0.93	36.2	17.8	07.2	4.23	475	036
1157	058	15.5	32.5	1.15	0.92	1.13	0.94	33.7	15.7	06.5	4.03	461	043
1158	047	16.3	33.5	1.17	0.97	1.13	0.93	38.2	16.9	06.2	4.13	469	042
1159	068	12.3	34.0	1.22	1.05	1.15	0.98	38.3	19.7	07.2	4.43	474	024
1160	053	16.6	33.7	1.20	0.98	1.16	0.98	32.8	16.3	06.5	4.45	451	033
1161	066	13.9	36.5	1.20	0.98	1.16	0.95	42.5	20.4	06.3	4.75	440	023
1162	071	12.3	37.7	1.21	0.97	1.18	0.98	38.2	19.1	06.3	4.95	425	023
1163	066	12.4	38.2	1.20	1.00	1.14	0.96	36.3	18.9	06.9	4.94	422	020
1164	065	11.5	37.6	1.15	0.98	1.09	0.86	35.3	16.7	07.1	4.45	459	020
1165	061	13.6	35.3	1.25	1.04	1.22	1.04	37.1	17.7	06.6	4.63	446	029
1168				1.03	0.84	1.00	0.84	32.1	15.8	07.9	4.35	454	038

IDENTIFICATION NUMBERS				S.O. & RACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PFR PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORIMETER	
ARI2. Y. NO.	C.R.	P.I.	FT. COLLINS			1	2	3	4	5							RD	+B
0001	2999	224705	26669	0200	MEXICO	3.0	3	3	2	11	3.30	3.0	20.0	11.5	05.0	30.3	68.8	11.0
0002	1779	154030	26670	0200	MEXICO	2.5	3	4	2	11	5.63	3.1	25.6	16.8	05.5	24.3	78.3	09.4
0003	2137	163605	26671	0200	GUATEMALA	7.0	3	3	2	11	9.64	3.3	32.6	11.3	06.0	37.4	72.3	10.2
0004	2164	163635	26672	0200	GUATEMALA	3.5	3	3	2	11	6.03	3.0	25.1	17.5	06.1	23.5	78.3	09.3
0005	2286	163757	26673	0200	GUATEMALA	5.0	3	2	2	11	4.54	3.1	24.1	12.6	06.2	29.3	73.0	10.2
0006	2264	163735	26674	0200	GUATEMALA	7.0	3	3	2	11	6.23	3.1	31.1	12.6	07.4	37.1	71.8	10.6
0007	2265	163736	26675	0200	GUATEMALA	3.5	2	2	2	07	3.32	3.1	20.4	10.4	05.9	36.1	75.8	10.3
0008	2287	163758	26676	0200	GUATEMALA	3.5	2	3	2	08	3.01	3.0	18.6	11.5	04.7	29.2	71.3	10.2
0009	2267	163735	26677	0200	GUATEMALA	4.5	2	2	2	11	3.24	3.1	21.1	10.8	04.6	29.9	71.3	10.5
0010	2288	163759	26678	0200	GUATEMALA	6.0	2	4	2	11	5.27	3.2	29.3	11.0	07.0	38.9	72.3	11.0
0011	2278	163749	26679	0200	GUATEMALA	3.5	2	3	2	04	4.19	4.0	25.2	11.5	05.1	30.4	73.5	10.6
0012	2281	163752	26680	0200	GUATEMALA	6.5	3	4	2	11	5.55	3.0	27.5	12.0	08.2	40.7	72.8	10.8
0013	2289	163760	26681	0200	GUATEMALA	7.0	3	3	2	11	6.65	3.6	33.9	11.8	08.1	40.7	72.3	11.1
0014	2283	163754	26682	0200	GUATEMALA	3.5	2	3	2	11	4.37	3.0	24.5	12.6	05.2	29.3	74.3	09.9
0015	2284	163755	26683	0200	GUATEMALA	3.0	2	3	2	11	3.65	3.0	21.7	11.8	05.0	30.0	74.0	10.0
0016	2285	163756	26684	0200	GUATEMALA	3.0	2	3	2	11	4.20	3.0	24.7	11.9	05.1	30.1	73.0	10.7
0017	2706	187001	26685	0200	GUATEMALA	6.0	2	3	2	11	5.39	3.2	29.6	10.1	07.1	43.0	72.5	11.0
0018	2015	210689	26686	0200	COSTA RICA	2.3	3	3	2	11	4.50	3.0	23.3	14.6	04.7	24.4	76.5	10.0
0019	2311	265130	26687	0200	HONDURAS	2.5	3	3	2	11	5.16	3.0	23.3	15.8	06.3	27.3	77.3	10.4
0020	3314	265131	26688	0200	HONDURAS	2.5	3	3	2	11	5.41	3.0	22.8	17.9	05.8	24.4	77.8	09.7
0021	3335	265160		0200	BRIT. HONDURAS	5.0	3	4	4	11								
0022	3338	265227	26689	0200	BRIT. HONDURAS	3.0	4	3	2	11	5.36	3.0	22.6	17.9	05.7	24.1	77.8	09.4
0023	3340	265133	26690	0200	BRIT. HONDURAS	3.0	3	3	2	11	4.16	3.0	25.0	12.0	04.2	26.0	78.8	09.9
0024	3341	265164	26691	0200	BRIT. HONDURAS	2.5	4	3	2	11	4.42	3.0	21.2	15.3	05.5	24.8	77.5	10.3
0025	3342	265165	26692	0200	BRIT. HONDURAS	2.5	3	3	2	11	4.73	3.0	23.0	15.3	05.3	21.8	78.5	09.9
0026	3344	265166	26693	0200	BRIT. HONDURAS	2.5	3	3	2	11	4.46	3.0	24.2	13.8	04.6	24.9	77.8	11.0
0027	3345	265167	26694	0200	BRIT. HONDURAS	2.5	3	3	2	11	4.51	3.0	23.3	15.0	04.3	22.1	77.8	09.8
0028	3357	265168	26695	0200	BRIT. HONDURAS	2.5	3	3	2	11	5.07	3.0	23.9	15.8	05.4	25.8	80.0	09.2
0029	3360	265169	26696	0200	BRIT. HONDURAS	3.5	4	3	2	11	5.19	3.0	25.2	15.3	05.3	25.6	78.0	09.9
0030	2899	207817	26697	0200	CUBA	3.5	4	3	2	11	5.33	3.0	26.4	15.0	05.2	25.7	78.0	09.2
0031	2899	209750		0200	CUBA	3.0	4	3	2	11	4.31	3.1	21.3	15.0	05.0	25.6	76.0	10.3
0033	3367	265117	26698	0200	CUBA	2.5	4	3	2	11	5.14	3.5	24.0	13.8	07.6	35.6	76.3	09.9
0035	3371	265118		0200	CUBA	3.5	5	5	2	11								
0037	3262		26699	0200	HAITI	4.5	3	3	2	11	3.39	3.1	20.7	11.0	05.4	32.7	73.3	10.9
0038	3263		26700	0200	HAITI	4.5	3	4	2	11	3.38	3.0	21.7	10.3	05.3	34.1	74.3	10.3
0039	3247		26701	0200	DOMINICAN REP.	2.5	3	4	2	11	3.61	3.0	21.1	12.1	05.0	29.3	76.0	10.0
0040	3248		26702	0200	DOMINICAN REP.	2.5	3	4	2		3.69	3.0	20.9	12.2	04.7	27.6	69.0	12.1
0041	2291	163762	26703	0200	GUATEMALA	6.5	3	3	2	11	6.11	3.3	32.2	11.1	07.6	40.4	73.0	10.6
0042	3210		26704	0200	GUADELOUPE	7.0	4	2	2	11	5.04	3.4	24.1	14.6	06.3	30.1	68.8	11.7
0043	3213				GUADELOUPE	7.0	4	2	2	11	3.61	3.1	17.5	16.0	04.6	22.5	71.5	11.5

ARI7. K NO.	STELOMETER					MICRO- NAIRE	AREALO- METER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPOT GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
	UHM	MEAN	T0	T1	E1		A	D									
0001	1.17	0.96	4.18	23.9	07.7	5.93	362	17	.20	1	1	16	1	56	24	08	1
0002	1.10	0.92	3.85	18.4	06.7	5.12	394	36	.23	2	1	0	1	69	26	10	3
0003	1.24	1.07	4.82	26.2	04.2	5.88	350	26	.27	1	1	18	2	66	28	07	1
0004	1.11	0.92	3.77	18.5	06.3	4.92	407	40	.24	2	1	0	1	80	30	10	3
0005	1.15	1.11	3.96	22.7	09.0	5.95	360	30	.25	2	1	0	1	50	27	08	1
0006	1.26	1.08	4.98	26.0	04.5	6.17	344	23	.29	1	1	18	3	68	30	07	1
0007	1.11	0.92	4.36	23.1	06.5	5.88	356	16	.07	2	1	0	1	46	25	09	1
0008	1.32	1.14	4.29	26.1	09.3	4.98	408	35	.33	2	1	0	1	39	24	07	1
0009	1.14	0.94	3.98	23.1	09.6	5.25	395	18	.27	2	1	0	1	47	26	07	1
0010	1.23	1.07	4.94	25.2	04.2	5.95	353	23	.29	1	1	18	2	65	28	07	1
0011	1.47	1.19	4.52	24.9	07.2	4.05	538	52	.19	1	1	16	1	41	28	07	1
0012	1.23	1.08	4.78	25.1	04.9	6.13	350	17	.29	1	1	18	3	68	28	07	1
0013	1.18	1.02	4.44	22.2	05.1	6.50	335	18	.23	1	1	18	3	57	26	07	1
0014	1.15	1.02	4.02	23.7	10.2	6.10	348	21	.29	2	1	0	1	50	25	09	1
0015	1.17	1.02	4.11	25.5	09.5	5.35	397	26	.28	2	1	0	1	44	24	08	1
0016	1.16	1.01	3.91	22.8	09.9	5.58	365	21	.29	2	1	0	1	48	25	09	1
0017	1.17	0.99	4.71	23.7	04.9	5.71	372	31	.31	1	1	17	3	63	26	07	1
0018	1.09	0.88	3.67	19.2	07.5	4.75	421	25	.26	2	1	0	1	69	28	10	3
0019	1.04	0.87	3.77	19.7	08.0	5.33	381	30	.25	2	1	0	1	65	28	12	3
0020	1.19	1.00	3.96	20.3	05.8	4.62	423	31	.29	2	1	0	1	77	28	08	3
0021																	
0022	1.10	0.92	3.64	17.5	07.0	5.25	387	30	.25	2	1	0	1	73	28	10	3
0023	1.11	0.92	3.85	18.4	07.3	3.91	472	44	.27	2	1	0	1	66	26	09	3
0024	1.09	0.92	3.78	18.7	07.0	4.56	432	34	.24	2	1	0	1	69	28	10	3
0025	1.11	0.89	3.83	18.8	06.2	3.98	447	42	.26	2	1	0	1	65	26	10	3
0026	1.02	0.83	3.72	18.9	07.5	4.58	428	21	.27	2	1	0	1	63	27	10	3
0027	1.08	0.86	3.64	18.0	07.0	4.15	443	42	.30	2	1	0	1	67	28	09	3
0028	1.12	0.97	3.74	18.1	06.2	4.07	461	48	.27	2	1	0	1	72	25	11	3
0029	1.07	0.91	3.50	16.4	07.0	4.88	412	37	.25	2	1	0	1	71	27	09	3
0030	1.02	0.84	3.67	18.3	08.2	5.28	379	29	.27	1	1	00	1	61	29	10	3
0031	1.08	0.88	3.99	20.5	06.6	5.37	380	27	.28	1	1	16	1	63	31	07	3
0032	1.26	1.07	4.08	19.0	06.8	4.85	419	27	.30	1	1	03	1	53	27	07	1
0033																	
0037	0.96	0.81	3.95	19.3	08.6	6.19	343	17	.27	1	1	04	1	49	25	12	2
0038	0.82	0.69	4.00	23.5	11.5	5.95	361	15	.25	1	1	04	1	45	25	08	1
0039	1.01	0.87	4.80	29.1	06.8	4.93	403	18	.25	2	1	00	1	48	23	09	1
0040	0.99	0.85	4.52	25.9	08.0	5.30	387	29	.30	1	1	00	1	47	24	06	1
0041	1.24	1.06	4.58	22.7	05.0	6.33	340	14	.27	1	1	10	3	58	30	07	1
0042	1.05	0.85	3.66	16.7	06.0	7.10	293	10	.42	1	1	00	1	41	26	18	2
0043	1.22	1.03	3.85	17.1	05.7	5.15	394	46	.30	1	1	15	1	58	28	18	1

IDENTIFICATION NUMBERS				SP. & RACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORIMETER	
ARIZ. K NO.	C.B.	P.I.	FT. COLLINS			1	2	3	4	5							RD	+B
0044	3214		26705	0200	GUADELOUPE	5.0	3	2	2	11	4.02	3.1	20.0	14.1	06.0	29.8	68.5	12.0
0045	3216		26706	0200	GUADELOUPE	4.5	2	3	2	11	3.78	3.0	23.0	12.6	03.8	23.3	69.3	11.4
0046	3219		26707	0200	GUADELOUPE	5.5	3	2	2	11	4.64	3.0	21.3	15.2	06.6	30.2	70.8	11.0
0047	3203		26708	0200	MARTINIQUE	5.0	3	3	2	11	5.11	3.0	23.2	16.3	05.7	26.0	77.5	09.9
0048	3204		26709	0200	MARTINIQUE	4.0	3	3	2	11	5.08	3.0	24.4	15.1	05.7	27.5	76.8	09.7
0049	3126		26710	0200	DOMINICA	2.5	3	4	2	11	4.07	3.0	20.7	14.6	05.1	26.0	77.8	09.7
0050	3199		26711	0200	ST. LUCIA	4.0	3	3	2	11	3.35	3.0	20.2	13.3	03.3	20.0	64.8	11.8
0051	3201		26712	0200	ST. LUCIA	6.5	3	3	2		3.54	3.0	20.2	13.6	03.9	22.1	66.0	11.8
0052	3202		26713	0200	ST. LUCIA	6.5	3	3	2	11	3.39	3.0	20.2	13.0	03.8	22.7	66.5	11.9
0054	3481	274512	26714	0200	BRITISH GUIANA	6.0	4	3	2	11	3.67	3.1	18.5	12.3	07.5	37.8	72.3	11.4
0055	3482	274513	26715	0200	BRITISH GUIANA	3.0	3	4	2	11	1.49	3.0	15.3	06.9	02.6	27.5	53.5	13.8
0056	3483	274514	26716	0200	BRITISH GUIANA	4.0	3	4	2	11	2.50	3.0	19.5	09.0	03.8	31.6	75.3	09.6
0057	3484	274515	26717	0200	BRITISH GUIANA	4.5	3	4	2	11	3.91	3.4	22.0	12.0	05.8	32.7	75.8	10.6
0058	3489	274516	26718	0200	BRITISH GUIANA	3.5	3	4	2	11	3.81	3.0	20.7	12.2	06.2	33.6	77.3	10.1
0059	3474	274468	26719	0200	VENEZUELA	3.5	4	3	2	11	3.75	3.0	18.9	14.9	04.9	24.8	74.3	10.6
0060	2933	220040	26720	0200	COLOMBIA	5.0	2	3	2	11	4.81	3.0	26.1	10.8	07.6	41.2	60.3	13.9
0061	3617	281776			COLOMBIA	4.0	4	2	4									
0062	3137	249422	26721	0200	COLOMBIA	5.5	3	3	2	11	5.67	3.1	23.0	15.9	08.7	34.7	73.5	10.1
0063	3138	249422	26722	0200	COLOMBIA	6.0	3	3	2	11	5.30	3.0	23.6	13.6	08.9	39.6	74.0	10.1
0064	3139	249422	26723	0200	COLOMBIA	3.0	3	3	2	11	5.51	3.0	27.7	15.1	04.8	24.2	77.0	09.9
0065	3551		26724	0200	ECUADOR	3.5	1	2	2	11	5.02	3.0	29.7	09.4	07.5	44.0	74.0	10.8
0066	2529		26725	0200	ECUADOR	3.5	2	3	2	11	5.38	3.1	30.7	10.4	07.1	40.5	75.3	10.4
0067	2530		26726	0200	ECUADOR	5.5	3	3	2	11	4.96	3.3	26.7	11.2	07.4	39.7	78.5	09.6
0068	2531		26727	0200	ECUADOR	3.0	3	3	2	11	4.10	3.4	25.8	11.3	05.0	30.7	67.0	11.5
0069	3084	241707			ECUADOR	3.0	4	3	2		4.21	3.1	23.2	11.9	06.2	34.4	67.8	11.4
0071	3401		26728	0200	ECUADOR	6.0	3	3	2	11	5.39	3.0	24.9	12.5	09.2	42.5	73.0	11.2
0072	3134		26729	0200	PERU	5.5	3	3	3	09								
0073	3081	241704		0200	PERU	7.0	4	4	2	11	2.56	3.5	10.8	14.0	08.5	37.1	71.8	10.1
0074	3082	241705	26730	0200	PERU	7.0	4	3	2	11	5.86	3.3	22.6	15.9	10.0	38.6	70.3	11.3
0075	3518		26731	0200	PERU	3.0	4	4	2	11	4.94	3.1	21.7	14.6	07.1	32.6	74.8	10.5
0076	3519		26732	0200	PERU	4.0	4	4	2	11	5.83	3.0	24.6	16.6	07.1	32.8	75.3	10.3
0077	3522					4.0	3	3	4									
0078	3536			0200	PERU	3.0	4	3	3		2.64	3.3	23.3	07.9	03.4	30.1	41.0	15.6
0079	3537		26733	0200	PERU	5.0	4	3	2	11	5.14	3.0	24.6	13.8	07.1	34.0	48.5	13.9
0080	3550		26734	0200	PERU	4.5	4	3	2	11	3.30	3.0	19.7	10.1	06.5	39.1	77.3	09.5
0082	3552		26735		PERU	6.0	4	3	2	11	4.14	3.0	15.7	15.0	11.3	43.0	75.8	10.2
0083	2871	203568	26736		PERU	9.0	3	4	3	10	5.56	3.0	23.1	13.6	10.0	42.4	81.3	08.9
0084	2872	203569	26737		PERU	7.0	3	3	3	10	4.76	3.1	23.1	11.5	09.1	44.1	79.0	09.4
0085	2873	203570	26738		PERU	9.0	3	3	3	09	5.53	3.0	23.0	13.6	10.4	43.4	79.0	09.4
0086	2874	203571	26739		PERU	5.0	3	2	3	08	5.25	3.0	22.3	13.0	10.5	44.3	78.3	10.2

APPLZ. K NO.	STEFANMETER					APCALH- METER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPOT GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
	UHM	MEAN	T0	T1	E1	MICRO- NAIRF	A D									
0044	1.00	0.84	3.45	16.4	06.0	7.28	300 18	.29	1	1	08	1	45	29	18	2
0045	1.10	0.93	3.67	19.4	07.9	5.90	356 21	.38	2	1	00	1	58	25	18	1
0046	1.17	0.94	4.13	19.6	08.8	5.78	363 25	.27	1	1	00	1	42	27	16	1
0047	1.05	0.89	3.97	20.8	08.1	5.00	397 32	.19	2	1	00	1	73	29	09	3
0048	1.08	0.89	3.91	20.8	08.0	5.58	380 22	.23	2	1	00	1	70	27	08	3
0049	1.13	0.95	3.87	18.4	05.7	4.48	422 35	.23	2	1	0	1	63	26	09	3
0050	1.16	0.92	3.71	16.3	07.3	5.75	370 20	.32	1	2	18	1	46	25	18	1
0051	1.15	0.94	3.62	18.3	07.1	5.78	385 13	.30	1	2	16	1	48	26	18	2
0052	1.16	0.94	3.42	18.1	07.0	5.80	370 20	.29	1	2	17	1	44	25	18	1
0054	0.92	0.77	3.87	21.6	08.3	5.73	362 29	.15	1	1	10	1	48	26	10	2
0055	1.01	0.81	4.03	19.7	09.1	4.75	440 17	.34	2	1	00	1	37	18	03	1
0056	1.04	0.89	3.97	21.3	08.2	5.70	374 14	.26	1	1	00	1	43	21	06	1
0057	1.20	1.03	3.68	20.4	07.8	5.07	402 28	.26	1	1	00	1	48	28	07	1
0058	1.11	0.94	3.84	19.6	07.1	5.75	364 16	.26	1	1	00	1	46	27	07	1
0059	1.15	0.97	3.70	17.6	06.3	4.55	437 23	.35	1	1	00	1	53	26	10	3
0060	0.99	0.88	4.19	26.0	09.4	6.78	328 19	.40	1	1	19	2	51	26	07	1
0061	1.18	1.00	4.65	24.4	06.2	4.77	423 25	.20	1	1	03	1	61	30	02	2
0062	1.07	0.93	3.78	19.0	06.2	5.95	363 28	.20	1	1	11	1	60	31	08	1
0064	1.13	0.96	3.69	18.2	06.0	4.58	426 31	.29	2	1	0	1	71	28	09	3
0065	1.01	0.87	4.56	22.9	06.0	6.53	325 15	.39	1	1	10	1	48	26	05	1
0066	0.91	0.79	4.17	21.6	07.0	7.22	295 17	.38	1	1	16	1	53	28	05	1
0067	1.02	0.87	3.67	17.3	06.3	6.05	353 23	.45	1	1	19	1	55	26	11	1
0068	1.08	0.87	4.70	27.3	06.7	5.25	392 16	.37	1	1	18	1	45	29	04	1
0069	1.05	0.86	3.95	18.5	07.0	5.64	373 25	.42	1	1	17	1	42	26	03	1
0071	1.02	0.91	3.67	20.5	07.4	6.40	333 21	.30	1	1	14	1	50	29	08	1
0072	0.98	0.84	4.80	28.3	06.6	5.23	398 27	.24	1	1	15	1	37	29	16	1
0073	1.09	0.89	3.87	19.3	08.8	6.35	333 12	.35	1	1	21	1	45	30	14	1
0074	1.18	0.95	4.27	24.5	07.8	5.78	363 16	.35	1	1	20	1	48	27	18	1
0076	1.14	0.99	4.05	22.2	08.1	5.83	356 13	.41	1	1	22	1	47	30	18	1
0077	0.97	0.76	4.58	28.4	08.6	5.60	391 09	.38	1	1	15	1	42	21	03	1
0078	1.16	0.92	3.94	20.3	08.0	6.60	334 12	.33	1	1	14	1	51	29	18	1
0080	1.05	0.89	3.58	17.9	09.9	5.79	363 16	.35	1	1	16	1	41	24	06	1
0082	0.99	0.85	3.81	21.6	09.3	6.45	336 12	.33	1	1	20	1	42	28	14	1
0083	1.37	1.05	4.55	25.7	06.2	4.58	444 39	.39	1	1	15	1	48	31	06	1
0084	1.36	1.15	3.81	21.7	07.9	5.43	376 22	.31	1	1	17	1	48	30	07	1
0085	1.33	1.19	4.12	24.0	08.1	5.26	413 27	.31	1	1	18	3	55	29	07	1
0086	1.36	1.15	4.00	21.6	08.0	5.52	386 28	.41	1	1	15	2	47	30	06	1



IDENTIFICATION NUMBERS				SP. & RACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORI- METER	
ARIZ. K NO.	C.R.	P.L.	FT. COLLINS			1	2	3	4	5							RD	+B
0087	2875	203572	26740		PERU	7.0	2	2	3	11	5.32	3.1	25.0	13.0	08.3	38.9	77.5	10.2
0088	2876	203573	26741		PERU	7.0	3	3	3	11	4.92	3.0	22.6	12.7	09.1	41.6	77.8	09.6
0089	2877	203574	26742		PERU	4.0	3	3	3	10	5.28	2.0	23.7	13.2	09.1	40.7	79.3	09.6
0090	2878	203575	26543		PERU	3.5	2	3	3	08	5.69	3.0	22.1	14.5	11.2	43.8	78.8	09.8
0091	2885	205064	26744		PERU	6.5	3	3	3	09	5.75	3.1	25.9	11.9	10.3	46.4	79.3	09.7
0092	2691	185651	26745		PERU	7.0	2	3	3	11	4.80	3.0	23.6	11.6	08.7	44.2	74.3	11.0
0093	2493		26746		PERU	5.0	3	3	3	11	4.49	3.0	18.6	17.2	06.9	28.4	76.5	10.1
0094	2494		26747		PERU	5.0	4	3	2	11	4.41	3.1	17.7	19.2	06.2	24.5	65.0	13.2
0095	2496		26748		PERU	7.0	3	3	3	11	4.21	3.0	18.5	16.0	07.3	31.1	75.5	10.1
0096	2497		26749		PERU	4.0	3	3	2	11	5.39	3.0	24.1	13.1	09.3	41.5	75.0	10.4
0097	2692	185652	26750		PERU	6.0	4	3	2	11	3.43	3.0	20.2	11.3	05.7	33.5	75.5	10.1
0098	2821	199070			CHILE	7.0	4	4	2		3.59	3.0	15.9	14.2	08.7	37.8	77.0	09.9
0099	2823	199072			CHILE	6.0	4	4	2	11	3.78	3.0	18.9	13.6	07.0	37.7	76.8	10.1
0100	2824	199073			CHILE	7.0	4	4	2	11	4.34	3.2	19.2	13.0	09.6	42.4		17.6
0101	3402		26751		BOLIVIA	5.0	3	3	2		2.12	3.0	16.4	08.2	04.7	36.7	63.0	12.2
0102	3507	276353	26752		BOLIVIA	6.5	3	3	2	11	4.12	3.1	22.6	14.2	04.0	21.8	75.0	09.9
0103	3508	276354	26753		BOLIVIA	6.5	3	3	2	11	3.76	3.1	21.5	10.8	06.7	38.3	70.0	11.8
0104	3509	276355	26754		BOLIVIA	7.0	3	3	2	11	4.34	3.0	22.1	12.7	07.4	36.7	71.3	11.3
0105	3510	276356	26755		BOLIVIA	5.0	3	2	3	11	3.32	3.0	16.0	13.8	06.9	33.2	70.0	10.5
0106	3511	276357	26756	0200	BOLIVIA	6.0	3	3	3	11	5.94	3.0	24.7	14.6	09.4	39.2	73.5	10.9
0107	3512	276358	26757	0200	BOLIVIA	4.5	3	2	3	11	4.20	3.0	23.0	12.3	06.0	32.8	67.3	11.8
0108	3513	276359	26758	0200	BOLIVIA	4.5	3	3	3	11	4.96	3.1	22.9	14.0	07.7	35.0	43.8	15.2
0109A	3514	276360	26759	0200	BOLIVIA	5.0	3	3	2	11	3.45	3.0	20.3	11.8	05.2	30.4	75.0	10.0
0109B	3514	276360	26760	0200	BOLIVIA	5.0	3	3	2	11	3.45	3.0						
0110	3515	276361	26761	0200	BOLIVIA	5.0	4	3	2	11	4.17	3.1	22.5	13.3	05.2	28.3		16.0
0111	3516	276361	26762	0200	BOLIVIA	6.0	3	2	2		5.08	3.0	23.4	16.8	04.9	22.4	75.5	09.9
0112	3487	275417		0200	BOLIVIA													
0113	3488	275418		0200	BOLIVIA													
0114	3489	275419		0200	BOLIVIA													
0115	3490	275420		0200	BOLIVIA													
0116	3486	275416		0200	BOLIVIA	4.0	4	3	2	11	3.94	3.0	26.3	10.6	04.4	29.5	53.5	12.9
0117	3498	276146	26763	0200	BOLIVIA	4.0	4	3	2	11	4.73	3.0	23.2	12.9	07.5	36.8	76.0	10.5
0118	3499	276147	26764	0200	BOLIVIA	6.0	3	2	2	11	4.06	3.0	20.4	12.1	07.8	39.4	73.0	10.8
0119	3500	276148		0200	BOLIVIA	6.0	4	3	2	11	4.80	3.0	21.1	13.8	08.9	39.3	78.5	10.0
0120	3501	276149	26765	0200	BOLIVIA	6.5	3	2	2	11	2.69	3.0	21.2	09.0	03.7	29.4	74.8	08.8
0121	3502	276150		0200	BOLIVIA													
0122	3503	276151		0200	BOLIVIA													
0123	3403		26766	0200	BOLIVIA	7.0	4	2	2	10	4.12	3.1	22.6	14.2	04.0	21.8	71.2	10.4
0124	3504	276152	26767	0200	SANTACRUZ	4.5	4	3	2	11	4.12	3.2	23.0	12.8	05.1	27.4	72.8	10.1
0125	3505	276153	26768	0200	SANTACRUZ	4.5	3	3	3	11	3.68	3.0	21.2	13.2	04.1	23.8	72.8	10.3

ARIZ. K NO.	STELOMETER					MICRO- NAIRE	AREALO- METER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPOT GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
	UHM	MEAN	TO	T1	E1		A	D									
0087	1.23	1.03	4.28	22.8	07.4	5.18	403	28	.39	1	1	18	1	50	29	06	1
0088	1.38	1.20	4.14	23.0	07.5	5.40	390	34	.39	1	1	18	1	54	30	07	1
0089	1.30	1.07	4.21	22.6	07.9	5.23	404	25	.35	1	1	16	2	55	29	07	1
0090	1.27	1.10	3.89	20.4	07.0	5.93	363	20	.48	1	1	14	1	51	29	05	1
0091	1.19	1.01	3.69	18.9	08.0	5.85	368	27	.40	1	1	18	1	50	29	06	1
0092	0.96	0.87	3.93	19.4	07.7	7.45	301	09	.33	1	1	19	1	53	27	07	1
0093	1.02	0.92	4.27	24.6	07.2	6.38	347	14	.46	1	1	15	1	55	26	10	3
0094	1.09	0.96	4.45	21.4	05.4	6.01	350	21	.27	1	1	17	1	50	30	10	3
0095	0.99	0.88	4.04	22.6	09.1	6.53	346	21	.32	1	1	12	1	60	29	08	3
0096	1.04	0.91	3.91	19.8	06.1	7.10	296	09	.29	1	1	16	1	54	26	11	1
0097	1.20	1.03	4.67	28.9	06.9	5.58	373	24	.38	1	1	17	1	44	27	10	1
0098	1.16	1.04	4.59	26.5	08.0	6.88	314	17	.30	1	1	16	1	49	29	07	1
0099	1.14	1.00	4.46	26.5	07.8	6.60	335	16	.23	1	1	16	1	51	30	05	1
0100	0.97	0.81	3.59	19.3	08.3	6.51	330	12	.36	1	1	17	1	39	29	08	1
0101	0.99	0.82	3.42	17.0	10.1	5.93	366	20	.31	1	1	12	1	38	22	06	1
0102	1.17	1.06	4.15	24.4	09.5	5.95	375	19	.25	1	1	16	1	61	30		3
0103	1.15	0.97	4.99	27.4	06.1	4.33	442	31	.23	1	1	17	1	57	30	06	1
0104	1.20	0.87	4.11	21.6	08.0	6.78	323	13	.29	1	1	16	1	57	28	09	1
0105	1.07	0.94	4.20	26.0	08.0	4.93	412	25	.43	1	1	17	1	62	30	10	1
0106	1.07	0.96	4.14	24.0	08.4	6.75	325	12	.41	1	1	17	3	55	28	07	1
0107	1.09	0.95	4.62	27.1	07.7	5.90	366	15	.38	1	1	18		53	26	07	1
0108	0.96	0.82	3.90	19.9	09.0	6.38	337	17	.38	1	1	13	3	59	30	10	1
0109A	1.07	0.90	3.80	19.8	08.3	5.23	394	14	.38	1	1	16	2	54	28	07	1
0109B																	
0110	0.97	0.78	3.68	21.8	10.0	6.48	329	11	.31	1	1	17	1	48	24	10	1
0111	0.98	0.85	4.01	22.8	09.2	6.28	347	19	.32	1	1	15	1	53	28	06	3
0112																	
0113																	
0114																	
0115																	
0116	1.04	0.88	4.43	26.0	07.8	4.78	422	23	.26	1	1	15	2	50	24	05	1
0117	1.05	0.93	3.57	21.1	10.4	5.90	367	12	.35	1	1	17	2	49	28	10	1
0118	1.04	0.91	4.31	24.9	08.9	6.38	337	29	.35	1	1	11	2	54	27	09	1
0119	1.26	1.06	4.46	27.6	07.4	5.39	380	26						43	29	06	1
0120	1.14	1.00	4.50	27.2	07.6	6.23	349	21	.32	1	1	18	2	50	25	12	1
0121																	
0122																	
0123	1.07	0.91	4.28	22.6	06.9	6.15	349	14	.31	1	1	16	1	55	25	07	3
0124	1.01	0.89	4.13	24.6	07.7	6.48	333	14	.32	1	1	16	1	54	27	09	3
0125	1.16	1.01	4.46	26.7	07.2	5.20	390	35	.22	1	1	17	1	54	24	08	3

IDENTIFICATION NUMBERS				SP. & RACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAIN PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORIMETER	
APIT. W. NO.	C.T.	P.T.	COLLINS			1	2	3	4	5							PD	+B
0124	2554	27647A	26769	0200	ARGENTINA	6.0	3	2	2	10	4.41	3.0	22.6	14.4	05.1	26.2	73.5	10.9
0127	2557	27647A		0200	ARGENTINA	5.0	3	2	2	11	4.55	3.3	25.5	13.6	04.2	23.5	72.0	10.9
0128	2558		26771	0200	BOLIVIA	5.0	3	2	2	11	3.77	3.2	23.5	12.2	03.8	23.9	68.0	10.8
0129	2557		26772	0200	BOLIVIA	6.0	3	2	2	11	4.23	3.5	24.4	13.2	04.1	23.5	70.8	10.6
0130	2558		26773	0200	BOLIVIA	5.5	3	2	2	10	3.41	3.1	21.9	12.0	03.6	22.8	68.5	11.2
0131	2559		26774	0200	BOLIVIA	5.0	3	2	2	11	3.97	3.3	21.1	12.8	03.6	21.6	73.0	09.8
0132	2559		26775	0200	BOLIVIA	4.0	3	2	2	11	4.03	3.4	22.5	13.9	04.0	22.0	69.3	11.0
0133	2559		26776	0200	ARGENTINA	5.5	3	2	2	10	3.63	3.2	22.3	12.0	04.3	26.5	74.3	10.2
0134	2559		26777	0200	ARGENTINA	5.0	3	2	2	09	3.97	3.3	22.8	13.3	04.2	23.9	75.0	10.3
0135	2559		26778	0200	ARGENTINA	6.0	2	2	2	08	3.69	3.2	20.9	12.7	04.5	26.3	68.0	11.2
0136	2559		26779	0200	ARGENTINA	4.5	3	2	2	10	3.41	3.0	19.8	13.2	04.0	23.2	73.5	09.7
0137	2559		26780	0200	ARGENTINA	5.0	3	2	2	10	3.54	3.0	20.9	13.4	03.5	20.9	73.3	09.5
0138	2557		26781	0200	ARGENTINA	5.0	3	2	2	11	3.39	3.0	19.8	13.4	03.7	21.5	73.5	09.9
0139	2558	281443	26782	0200	ARGENTINA	7.0	3	2	2	08	2.48	3.0	15.9	11.7	03.9	25.0	72.5	10.5
0140	2558		26783	0200	ARGENTINA	4.5	3	2	2	10	3.63	3.0	21.7	12.8	03.9	23.4	73.3	10.2
0141	2557		26784	0200	ARGENTINA	4.5	3	2	2	10	3.49	3.0	20.9	12.8	03.9	23.2	72.3	10.5
0142	2554		26785	0200	ARGENTINA	4.0	3	2	2	10	3.15	3.0	18.8	12.9	03.9	23.2	72.0	10.3
0143	2555		26786	0200	ARGENTINA	4.5	3	2	2	10	3.19	3.0	18.5	13.2	04.0	23.2	71.8	10.5
0144	2558		26787	0200	ARGENTINA	3.0	3	2	2	10	3.35	3.0	20.9	12.5	03.5	22.1	72.5	10.6
0145	2553		26788	0200	ARGENTINA	4.0	3	3	2		1.92	3.0	16.0	08.4	03.6	30.0	52.0	15.5
0146	2615	281280	26789	0200	ARGENTINA	6.5	3	3	2	10	2.45	3.4	19.6	08.4	04.1	33.1	55.0	14.1
0147	2656		26790	0200	ARGENTINA	6.5	3	3	2	08	3.47	3.0	22.2	10.9	04.7	30.0	64.8	12.9
0148	2657		26791	0200	ARGENTINA	5.0	3	2	2	09	3.77	2.0	22.7	11.0	05.6	33.4	64.5	13.2
0149	2560	276452	26792	0200	ARGENTINA	7.0	3	3	2	08	3.17	3.0	22.6	10.7	03.3	23.0	70.5	10.7
0150	2559	281672		0200	ARGENTINA	4.5	4	3	2									
0151	2616	281690		0200	ARGENTINA													
0152	2559	281647	26793	0200	ARGENTINA	5.5	3	2	2	09	3.49	3.0	21.0	11.0	05.6	33.8	63.8	13.2
0153	2559	281654	26794	0200	ARGENTINA	3.5	3	2	2	10	2.62	3.4	20.8	09.0	03.6	28.3	56.0	13.9
0154	2610	281654	26795	0200	ARGENTINA	5.5	3	3	2	11	2.48	3.1	21.0	08.4	03.4	29.0	57.5	14.0
0155	2611	281655	26796	0200	ARGENTINA	5.0	3	2	2	10	4.14	3.3	25.1	13.0	03.5	21.7	73.5	09.7
0157	2612	281686		0200	ARGENTINA													
0158	2614	281688	26797	0200	ARGENTINA	6.5	3	2	2	11	4.53	3.3	24.2	12.9	03.7	22.5	77.3	10.4
0159	2651		26798	0200	ARGENTINA	7.5	3	2	2	09	4.29	3.3	23.4	12.5	04.8	27.9	71.8	11.1
0160	2596	281666	26799	0200	ARGENTINA	7.0	3	3	2	07	3.89	3.2	21.5	12.1	06.0	33.2	67.5	12.1
0161	2470			0200	ARGENTINA													
0162	2469		26800	0200	ARGENTINA	7.0	3	3	2	11	3.02	3.1	20.7	09.6	04.7	33.1	79.3	09.3
0163	2466		26801	0200	ARGENTINA	6.5	3	3	2	09	3.73	3.3	25.0	10.2	04.7	31.9	73.0	10.9
0164	2463		26802	0200	ARGENTINA	6.0	3	2	2	10	4.07	3.2	23.0	11.7	06.9	37.1	59.3	14.2
0165	2594	281670		0200	ARGENTINA													
0166	2562	276484	26803	0200	ARGENTINA	3.0	2	3	2	08	2.71	3.0	18.3	10.6	04.7	30.6	68.8	11.5

ARI7. K NO.	STELOMETER					MICRO- HAIRE	APFALO- METER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPDT GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
	UHM	MEAN	T0	T1	F1		A	D									
0126	1.03	0.86	4.41	23.5	06.9	5.47	388	21	.35	1	1	18	1	57	27	06	3
0127	1.05	0.89	4.69	25.9	06.8	5.13	392	33	.32	1	1	19	1	57	26	07	3
0128	0.96	0.81	4.23	22.6	08.6	5.58	386	24	.26	1	1	18	1	52	24	07	3
0129	1.10	0.94	4.41	20.1	06.0	3.80	472	41	.23	1	1	20	1	52	27	08	3
0130	0.87	0.72	4.11	22.4	08.3	5.87	376	29	.29	1	1	19	1	48	27	07	3
0131	1.04	0.87	4.35	22.5	06.0	6.13	340	13	.06	1	1	18	1	45	29	10	3
0132	0.98	0.82	4.80	28.6	07.0	6.28	338	17	.30	1	1	19	1	52	26	07	3
0133	1.00	0.90	4.62	22.9	05.8	4.78	418	23	.10	1	1	17	1	51	25	08	3
0134	1.04	0.91	4.27	24.1	06.9	5.05	404	19	.26	1	1	18	1	50	24	07	3
0135	1.19	0.99	4.54	26.0	05.8	4.02	469	39	.12	1	1	19	1	44	26	08	3
0136	1.00	0.83	4.06	20.3	07.0	5.28	397	27	.08	1	1	19	1	46	26	09	3
0137	1.06	0.90	4.31	22.6	07.0	5.57	382	24	.13	1	1	18	1	47	24	10	3
0138	1.02	0.85	4.10	19.9	06.5	4.93	397	29	.12	1	1	19	1	52	25	09	3
0139	1.17	0.97	4.98	28.3	05.9	4.11	450	29	.25	1	1	19	1	48	25	08	3
0140	1.01	0.85	4.15	21.4	07.5	5.18	397	29	.11	1	1	19	1	57	25	09	3
0141	1.05	0.88	4.25	21.3	06.7	5.13	402	17	.11	1	1	18	1	50	25	09	3
0142	1.15	0.87	4.23	21.8	07.1	5.30	391	24	.14	1	1	17	1	50	25	10	3
0143	1.05	0.87	4.18	21.5	06.9	5.30	400	20	.20	1	1	19	1	45	23	09	3
0144	1.03	0.85	4.06	20.7	06.3	4.92	414	30	.08	1	1	18	1	43	23	08	3
0145	1.02	0.80	3.92	21.2	09.1	4.78	433	35	.35	1	1	16	1	41	23	07	1
0146	1.02	0.82	3.77	20.0	09.8	5.22	405	21	.25	1	1	17	1	37	20	06	1
0147	1.28	1.03	4.14	21.8	09.0	4.45	439	21	.30	1	1	16	1	39	25	07	1
0148	1.29	1.01	4.04	21.2	09.6	4.97	412	24	.29	1	1	16	1	39	25	07	1
0149	1.02	0.87	4.44	22.8	07.3	6.13	362	17	.15	1	1	20	1	42	26	07	2
0150																	
0151																	
0153	1.27	1.04	4.15	22.9	09.2	4.97	422	23	.30	1	1	17	3	40	25	07	1
0154	1.04	0.85	4.01	20.9	08.1	5.42	393	19	.32	1	2	19	1	36	22	07	1
0155	1.00	0.82	4.19	22.8	08.5	5.52	393	19	.26	1	1	18	1	36	24	06	1
0156	0.97	0.79	4.52	23.5	07.2	4.83	425	26	.23	1	1	17	1	60	25	09	3
0157																	
0158	0.95	0.77	4.43	25.8	07.2	4.93	410	23	.20	1	1	15	1	64	26	09	3
0159	1.28	1.09	4.37	25.4	07.7	4.37	434	23	.25	1	1	17	1	51	27	10	2
0160	1.20	1.04	3.98	21.9	08.1	5.27	396	20	.22	1	1	18	2	47	25	07	1
0161																	
0162	1.19	1.03	4.03	22.6	09.2	4.73	424	32	.23	1	1	16	1	38	26	07	1
0163	1.11	0.97	4.35	27.1	09.1	6.08	369	22	.19	1	1	17	2	45	25	11	1
0164	1.10	0.89	4.06	21.0	09.1	5.57	380	21	.31	1	1	16	1	44	26	06	1
0165																	
0166	0.92	0.74	3.39	17.9	11.5	6.03	323	17	.10	1	1	17		33	25	16	1

IDENTIFICATION NUMBERS				SP. S PACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORI- METER	
AP17. K 47.	C.L.P.	P.L.	FT. COLLINS			1	2	3	4	5							RD	+B
C167	3597	281667		0200	ARGENTINA													
C168	3450			0200	ARGENTINA													
C169	3467		26804	0200	ARGENTINA	7.0	3	2	2	08	3.91	3.0	22.1	11.8	05.9	33.5		16.9
C170	3468			0200	ARGENTINA													
C171	3274		26805	0200	ARGENTINA	6.0	3	2	2	11	3.61	3.0	21.3	12.7	04.2	24.7	70.3	09.7
C172	3288			0200	ARGENTINA	6.5	3	3	2	10	3.49	3.0	17.6	11.6	07.6	39.5		20.9
C173	3590	281654	26806	0200	ARGENTINA	5.5	3	2	2	07	2.83	3.1	21.6	08.5	04.6	35.3	70.3	11.7
C174	3390		26807	0200	ARGENTINA	4.5	2	2	2	06	3.05	3.0	21.2	09.2	05.2	35.7	71.8	11.3
C175	3441		26808	0200	ARGENTINA	4.0	2	2	2	07	2.79	3.1	17.7	10.0	05.8	36.5	72.3	11.0
C176	3591	281658	26809	0200	ARGENTINA	3.5	2	2	2	08	2.64	3.1	18.0	09.5	05.3	35.6	72.5	11.0
C177	3692	281650	26810	0200	ARGENTINA	9.9	3	3	2	08	4.19	3.0	21.6	13.0	06.4	32.9	69.3	11.4
C178	3460		26811	0200	ARGENTINA	7.0	3	3	2	08	3.47	3.1	22.2	10.4	05.2	33.5	77.8	10.4
C179	3470		26812	0200	ARGENTINA	8.0	2	2	2	04	3.05	3.1	20.0	10.4	04.9	32.1	67.0	12.6
C180	3462		26813	0200	ARGENTINA	5.5	2	2	2	03	3.34	3.2	19.9	10.4	06.4	38.0	69.0	11.8
C181	3670	281674	26814	0200	ARGENTINA	5.0	3	3	2	08	2.80	3.0	19.6	10.3	04.0	28.0	75.0	09.8
C182	3601	281675	26815	0200	ARGENTINA	5.5	3	2	2	08	2.85	3.0	19.7	10.5	04.0	27.4	73.0	10.1
C183	3602	281676	26816	0200	ARGENTINA	5.5	3	3	2	08	3.38	3.3	20.9	10.7	05.0	32.3	74.5	10.2
C184	3604	281678	26817	0200	ARGENTINA	4.5	3	3	2	08	2.61	3.2	19.0	10.1	03.6	26.1	73.5	10.3
C185	3605	281679	26818	0200	ARGENTINA	5.0	3	3	2	08	2.37	3.3	16.2	10.5	04.1	28.3	73.0	10.3
C186	3626	281680	26819	0200	ARGENTINA	3.5	3	2	2	08	2.74	3.3	20.1	09.2	04.4	32.5	70.8	11.2
C187	3398		26820	0200	PARAGUAY	6.0	3	2	2	09	3.44	3.2	20.9	12.8	03.7	22.4	71.5	10.5
C188	3558	276480		0200	PARAGUAY	5.5	3	2	4	11	3.29	3.3	22.1	09.1	05.8	37.7	75.0	10.5
C189	3559	276481	26821	0200	PARAGUAY	7.0	3	2	2	11	4.29	4.3	27.5	09.1	06.5	40.8	65.0	12.2
C190	3608	281682	26822	0200	PARAGUAY	6.0	3	3	2	10	3.41	3.0	21.2	11.0	08.1	31.7	64.0	12.9
C191	3609	281683	26823	0200	PARAGUAY	4.0	2	2	2	08	2.76	3.0	19.1	09.9	04.5	31.0	74.8	10.2
C192	3612	281687		0200	PARAGUAY													
C193	3107	243032	26824	0200	BRAZIL	3.5	3	2	2	11	2.99	3.0	23.0	10.9	02.1	16.7		19.6
C194	3112	243033		0200	BRAZIL	4.0	2	3	2	11	2.93	3.6	21.3	10.1	02.6	20.1		18.4
C195	3471	275415	26825	0200	BRAZIL	5.0	2	3	2	11	3.09	3.2	19.0	11.6	04.7	28.8	66.5	12.2
C196	3546	276469		0200	BRAZIL													
C197	3637	281691		0200	BRAZIL													
C198	3495		26826	0200	BRAZIL	5.5	4	3	2	11	4.83	3.0	20.8	17.7	05.5	23.6	75.5	10.4
C200	3555	276477	26827	0200	BRAZIL	3.5	2	3	2	11	3.73	3.1	22.6	11.2	05.3	31.9	73.0	11.2
C201	3474		26828	0200	BRAZIL	3.5	3	3	2	11	3.75	3.0	21.4	13.0	04.5	25.6	76.8	10.4
C202A	3475		26829	0200	BRAZIL	3.5	3	2	2	11	3.84	3.1	21.3	11.1	06.9	38.2	72.9	11.0
C202B	3405		26830	0200	BRAZIL	3.5	3	2	2	11	3.84	3.1						
C203	2719	190214	26831	0200	BRAZIL	3.5	3	3	2	11	5.74	3.6	33.0	10.4	07.0	40.8	72.0	11.0
C204	3720	190426	26832	0200	BRAZIL	4.0	3	3	2	11	4.70	3.0	24.6	11.8	07.3	39.8	79.8	09.1
C205	3654	276476	26833	0200	BRAZIL	4.0	3	3	2	11	3.61	3.0	21.2	12.4	04.6	26.8	77.0	09.5
C206	3544	276467		0200	BRAZIL													

ARIZ. K NO.	STELIOMETER					MICRO- NAIRE	APICAL- METER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPOT GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
	UHM	MEAN	T0	T1	E1		A	O									
0167																	
0168																	
0169	1.07	0.86	3.69	18.9	09.8	5.43	383	25	.23	1	1	13	4	43	26	08	1
0170																	
0171	0.97	0.79	3.97	21.1	09.9	6.58	339	22	.22	1	1	17	1	46	25	10	3
0172	0.76	0.60	3.48	15.8	09.3	6.77	305	08	.41	1	1	20	1	44	25	10	1
0173	1.07	0.82	4.29	19.7	06.9	5.23	378	26	.31	1	1	19	1	43	24	11	1
0174	1.08	0.92	4.39	22.1	07.4	4.88	417	29	.34	1	1	19	1	42	23	09	1
0175	1.17	0.89	4.35	21.6	07.3	4.78	417	21	.36	1	1	20	1	39	22	11	1
0176	1.10	0.88	4.32	21.9	07.9	4.68	420	23	.28	1	1	20	1	38	22	10	1
0177	0.99	0.84	4.29	26.4	10.1	5.88	363	22	.22	1	1	21	4	45	28	07	2
0178	1.20	1.02	4.00	23.5	08.2	4.43	445	32	.22	1	1	20	1	49	30	06	1
0179	1.06	0.87	4.25	23.3	08.0	6.07	355	14	.22	1	1	19	1	38	21	11	1
0180	1.15	0.94	4.25	23.3	07.7	4.68	423	23	.32	1	1	19	1	43	26		1
0181	1.13	0.94	4.57	27.3	07.4	3.88	488	31	.22	1	1	17		48	26	09	2
0182	1.12	0.96	4.64	27.4	07.7	4.09	485	30	.17	1	1	18	1	49	25	08	2
0183	1.17	0.98	4.54	25.5	06.9	4.63	431	22	.18	1	1	18	1	52	23	08	2
0184	1.18	0.94	4.82	28.7	06.8	3.55	510	47	.09	1	1	17	1	44	23	07	2
0185	1.08	0.89	4.40	26.4	08.6	3.83	492	32	.25	1	1	16	1	44	24	07	2
0186	0.86	0.71	3.84	20.6	09.5	6.42	341	09	.25	1	1	19	1	33	22	11	1
0187	1.16	0.97	3.74	22.4	10.2	5.53	386	30		1	1	13	1	45	25	10	2
0188	1.04	0.81	3.69	13.9	06.0	4.68	413	21	.64	1	2	19	1	38	26	15	1
0189	1.04	0.85	4.07	19.2	07.0	5.40	396	13	.34	3	3	23		47	25		1
0190	0.74	0.64	3.71	19.8	10.4	7.07	322	12	.21	1	1	22	1	40	30	11	1
0191	1.13	0.92	4.27	24.6	09.0	5.53	386	12	.21	1	1	21	2	40	24	18	1
0192																	
0193	0.81	0.63	3.39	17.4	07.9	3.38	552	52	.25	1	1	16	1	52	24	05	3
0194	0.86	0.66	3.58	17.4	07.5	4.82	412	27	.33	1	1	17	1	40	22	16	3
0195	0.93	0.77	3.52	18.9	11.6	6.63	37	13	.21	1	1	17	1	43	26	15	2
0196																	
0197																	
0198	0.95	0.80	3.48	18.0	08.7	6.56	325	3	.27	1	1	19	1	53	31	08	3
0200	0.97	0.84	3.70	20.9	09.9	6.52	335	15	.28	1	1	18	1	58	24	09	1
0201	0.88	0.75	3.76	17.1	08.5	5.45	374	30	.31	1	1	12	1	57	24	10	3
0202A	0.91	0.78	2.89	14.6	11.6	6.10	342	23	.29	2	1	00	1	55	25	09	1
0202B																	
0203	0.93	0.79	3.89	18.3	06.9	6.85	322	19	.36	1	1	12	1	56	29	08	1
0204	1.09	0.92	4.14	20.1	06.9	6.17	357	16	.46	1	1	17	1	55	25		1
0205	1.04	0.88	3.94	22.5	09.9	5.47	387	31	.26	1	1	16	1	47	25	07	3
0206																	

ARIZ. K NO.	IDENTIFICATION NUMBERS			SP. & PACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORIM- ETER	
	C.S.	P.L.	FT. COLLINS			1	2	3	4	5							RD	+B
0207	3565	276668	26834	0200	BRAZIL	4.0	4	2	2	11	4.50	3.3	18.9	15.1	08.8	36.8	74.5	10.0
0208	3567	276670		0200	BRAZIL													
0209	2918	213560		0200	ASCENSION ISL.	6.0	4	4	2	11	2.00	2.9	11.5	13.0	04.3	24.8	71.3	10.2
0210	3133		26835	0200	AFRICA	4.0	2	2	2	10	3.81	3.2	20.9	10.7	07.5	41.5	76.0	10.3
0211	2928	210128	26836	0200	AFRICA	5.0	3	2	2	11	4.15	3.2	20.6	14.7	05.4	27.0	75.0	10.0
0212	2929	210129	26837	0200	AFRICA	3.0	2	2	2		3.64	3.2	22.8	10.5	05.5	34.3	72.0	11.2
0213	2910	210154	26838	0200	AFRICA	3.0	2	2	2	11	4.19	3.8	24.2	11.2	05.3	32.2	77.3	10.2
0214	3131	244697	26839	0200	AFRICA	4.0	3	2	2	11	3.36	3.0	19.4	11.8	05.5	32.0	73.5	10.8
0215	3303	257017	26840	0200	AFRICA	5.5	4	4	2	11	5.25	3.0	20.6	15.7	09.6	38.1	76.3	09.4
0216	3032	234268	26841	0200	DOMAINS SAKEL	5.5	2	3	2	03	3.83	3.2	19.3	13.2	06.7	33.7	69.0	12.0
0217	1033	234269	26842	0200	LAMBERT X1730	5.0	3	3	2	04	4.17	3.2	20.8	12.4	07.6	37.9	69.5	11.7
0218	2751	193517	26843	0200	ETHIOPIA	3.5	4	3	2	11	5.60	3.1	24.4	16.9	06.0	26.4	77.5	09.8
0219	2993	225719	26844	0200	EAST BENGAL	3.0	4	3	2	11	5.23	3.1	24.7	16.6	05.2	23.7	77.3	09.7
0220	2892	208441	26845	0200	NEPAL	5.5	1	2	2	04	3.19	3.2	20.7	10.2	05.2	33.5	79.8	09.2
0221	3074	239645	26846	0200	NEW GUINEA	3.0	3	3	2	11	4.94	3.0	32.6	11.5	03.6	24.1	79.0	09.6
0222	3271				HAWAII	4.0	3	3	2	11	4.29	3.0	22.3	13.2	05.6	29.6	75.0	10.5
0223	3618	277788	26847	0200	BRITISH GUIANA	5.0	3	3	2	11	4.26	3.0	23.4	12.2	06.0	32.9	75.0	10.6
0224	3619	278749	26848	0200	BRITISH GUIANA	5.0	3	3	2	11	4.16	3.1	23.4	12.0	05.8	31.7	76.5	10.4
0237			26849	0200	YUMA	5.0	2	2	2	02	4.13	3.0	20.0	13.1	07.5	36.3	70.5	12.1
0238			26850	0200	OLD PIMA	5.0	2	2	2	02	4.03	3.1	21.0	12.5	06.7	35.0	67.3	12.3
0239			26851	0200	SXP	5.5	2	2	2	02	4.32	3.0	21.0	13.7	06.9	33.6	69.0	11.7
0240			26852	0200	AMSAK	6.0	2	2	2	02	4.39	3.0	19.6	14.5	07.9	35.3		
0241			26853	0200	PIMA 32	2.0	2	3	2	02	3.24	3.0	18.2	11.5	06.1	34.8		
0242			26854	0200	PIMA S-1	3.0	1	2	2	02	3.90	3.3	20.0	12.0	07.5	38.4		
0243			26855	0200	PIMA S-2	2.5	1	2	2	02	3.97	3.2	19.8	12.0	08.0	40.0		
0244			26856	0200	ST. KITTS	3.5	1	2	2	02	3.60	3.5	20.7	12.4	05.0	28.3	76.8	09.9
0245			26857	0200	NEVIS BL	3.5	3	3	2	02	3.25	3.2	20.6	10.9	04.9	31.0	75.8	10.0
0246			26858	0200	MONSERRAT	3.5	3	2	2	02	4.43	3.3	26.7	10.9	05.7	34.4	77.0	10.2
0247			26859	0200	S.T.BARBADOS	4.0	1	2	2	02	3.90	3.2	19.3	13.5	06.7	32.0	70.5	11.9
0248		280237		0200	ASHMOUNT	5.5	3	2	2	02	3.27	3.2	18.4	12.0	05.8	32.4	70.8	11.7
0249		280208		0200	BAHTIN 163	5.0	3	2	2	02	4.48	3.2	23.0	11.6	07.9	40.6	73.8	10.6
0250		280209		0200	BAHTIN 185	3.0	2	2	2	02	3.28	3.2	20.0	10.0	06.3	38.7	73.0	10.5
0251				0200	SI SHORT SYMPOD					C2	1.99		12.0	12.3	04.1	24.9		
0252	1235			0200	BROWN EGYPTIAN					02	2.72		18.0	11.2	03.8	25.2		
0253				0200	S.I.TIPLESS					02	1.95		14.0	10.4	03.2	23.7		
0254	1298			0200	GIZA 7					02	2.67		17.0	10.8	04.6	30.0		
0255				0200	S.I.3612B2					02	2.65		18.0	10.5	04.3	29.2		
0256				0200	S.I.12B2						3.15		18.0	13.9	03.9	21.7		
0257				0200	S.I.SEABERRY					02	3.57		18.0	14.5	05.4	27.1		
0258				0200	S.I.TZRV GLAB						2.82		16.0	14.0	04.0	22.3		

APRZ. K NPS.	STELONETER					MICRO- NAIRF	AREALO- METER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPOR GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
	UHM	HEAN	TM	II	EI		A	D									
0207	0.96	0.79	3.32	18.0	10.1	5.78	372	14	.22	1	1	15	1	53	30	08	3
0208																	
0209	1.15	0.90	4.28	26.6	09.9	6.00	355	12	.38	1	1	10	1	40	23	18	1
0210	1.00	0.84	4.08	21.0	07.7	6.33	349	16	.23	1	1	18	1	50	26	08	1
0211	1.11	0.93	3.91	20.7	08.9	5.63	374	29	.24	2	1	00	1	42	26	10	3
0212	0.84	0.70	3.54	16.4	09.4	5.90	354	19	.31	1	1	17	1	46	25	04	1
0213	1.01	0.83	3.82	18.1	06.9	6.15	355	21	.32	1	1	16	1	42	26	07	1
0214	1.10	0.94	3.92	21.5	10.7	5.95	352	17	.33	1	1	15	1	48	22	10	2
0215	1.19	0.99	4.52	22.8	07.3	5.38	370	19	.38	1	1	20	1	48	31	18	1
0216	1.34	1.16	4.81	29.4	07.6	4.22	450	22	.38	1	1	15	2	42	28	07	1
0217	1.27	1.01	4.89	26.4	07.8	4.43	442	29	.28	1	1	16	3	39	26	07	1
0218	1.08	0.88	3.99	18.1	06.7	5.35	382	27	.26	2	1	0	1	73	28	09	3
0219	1.09	0.89	4.02	19.9	06.5	5.38	379	22	.27	2	1	0	1	79	26	10	3
0220	1.08	0.90	3.93	20.6	09.2	4.62	437	25	.34	1	1	14	1	45	25	14	1
0221	1.17	1.01	4.25	24.2	08.5	4.78	439	38	.31	2	1	00	1	67	29		3
0222	0.96	0.80	3.61	16.4	06.9	4.85	395	30		1	1	15	1	54	28	12	1
0223	1.10	0.93	3.97	22.3	08.2	5.53	373	17	.23	1	1	00	1	50	27	09	1
0224	1.12	0.96	3.80	20.2	08.1	6.13	363	11	.25	1	1	00	1	48	27	09	1
0227	1.47	1.12	4.35	26.1	08.7	3.45	524	41	.30	1	1	16	4	53	27	08	1
0238	1.43	1.14	4.10	24.4	08.8	3.95	484	33	.29	1	1	18	4	51	26	07	1
0239	1.36	1.11	4.88	29.0	07.9	3.75	491	34	.26	1	1	19	3	51	27	07	1
0240																	
0241																	
0242																	
0243																	
0244	1.43	1.06	4.78	26.4	06.1	2.60	665	58	.25	1	1	15		50	25	07	1
0245	1.29	0.94	4.49	24.3	07.0	2.83	607	51	.28	1	1	18	4	50	26	07	1
0246	1.40	1.17	5.19	29.4	06.0	3.37	534	38	.24	1	1	17	1	54	27	07	1
0247	1.44	1.16	4.71	25.0	07.4	3.28	547	45	.21	1	1	17	1	48	26	06	1
0248	0.99	0.83	3.45	17.6	11.9	5.55	382	23	.22	1	1	17	1	41	27	12	1
0249	1.19	0.98	4.56	23.0	07.7	4.48	438	20	.26	1	1	19	4	49	26	07	1
0250	1.19	0.99	4.58	24.7	08.7	4.58	430	25	.27	1	1	18		44	27	06	1
0251	1.37	1.13		23.1	05.9		521	38		2	1						1
0252	0.98	0.75					373	17		1	1						1
0253	1.33	1.03		24.1	05.1		467	27		1	1						1
0254	1.28	1.04		29.3	08.9		412	17		1	1						1
0255	1.38	1.10		28.7	07.5		443	13		1	1						1
0256	1.43	1.14		28.7	05.1		519	34		1	1						1
0257	1.47	1.18		27.0	07.0		484	32		1	1						1
0258	1.30	1.10		25.6	05.4		557	33		1	1						1



IDENTIFICATION NUMBERS					SP. & RACE	GEOGRAPHIC ORIGIN	FIELD SCORES					GRAM PER BOLL	LOCKS PER BOLL	SEED PER BOLL	SEED INDEX	LINT IND.	LINT PCT.	COLORI- METER					
API7, K NO.	C.A.	P.I.	COLLINS	FT.					1	2	3							4	5	RD	+D		
0259					0200	EARLIPIMA					02	3.04		16.0	14.1	05.0	26.3						
0260					0200	BARB TASHKENT					02	2.12		16.0	09.8	03.6	26.8						
0261	2090				0200	K3130 HAARAD					02	2.75		16.0	12.7	04.5	26.1						
0262	2013				0200	K3104						2.28		15.0	11.9	03.1	20.6						
0263					0200	SEA ISLAND					02	3.44		19.0	14.2	03.9	21.7						
0264					0200	SFABERRY					02	3.11		18.0	13.6	04.0	22.9						
0265					0200	S.I. SEABERRY					02	2.84		16.0	13.3	03.7	21.9						
0266					0200	S.I. CRINKLE						1.75		11.0	11.8	03.9	24.8						
0267					0200	STVIN SUPERFINE					03	1.60		11.0	13.0	01.7	11.5						
0268					0200	VH HYBRID					02	2.70		14.0	15.2	04.1	21.4						
0269					0200	SUPERFINE V46					03												
0270					0200	STVINCENT V135					03	1.80		11.0	14.3	01.7	10.4						
0271					0200	SIND S.I.					02	2.48		17.0	09.9	04.4	30.7						
0272					0200	RUSSIAN S.I.					02	3.52		19.0	13.0	05.3	29.0						
0273					0200	RUSSIAN					02	2.31		18.0	12.6	02.8	22.5						
0274					0200	P.R. REGULAR					03	2.36		17.0	11.4	03.1	21.2						
0275					0200	DSI ORDINARY					02	2.59		17.0	12.4	03.0	19.7						
0276					0200	FIJI S.I.					02	3.34		16.0	15.0	05.3	26.0						
0277					0200	BOSTVIN RIVERS					03	2.61		15.0	14.4	03.0	17.4						
0278					0200	PEI 152413					03	2.96		17.0	12.1	05.2	30.0						

ARIZ. K NO.	UHM	MEAN	STELNMEFER			MICRO- NAIRE	APEALO- NETER		LEAF LAC.	PETAL COLOR	POLLEN COLOR	SPOT GRADE	CALYX HAIRS	BOLL LENGTH	BOLL WIDTH	FUZZ GRADE	TYPE SEED
			T0	T1	E1		A	D									
0259	1.48	1.26		27.4	07.5		467	16		1	1						1
0260	0.94	0.73		21.4	09.0		406	06		1	1						1
0261	1.49	1.27		26.5	08.0		486	41		1	1						1
0262	1.77	1.01		26.1	07.9		489	15									1
0263	1.44	1.13		26.1	06.0		557	44		1	1						1
0264	1.39	1.08		24.1	06.0		557	40		1	1						1
0265	1.35	1.05		25.2	05.9		577	53		1	1						1
0266	1.23	0.99		25.6	09.0		497	25		1	1						1
0267	1.21	0.84		27.3	05.0					1	1						1
0268	1.39	1.04		28.0	06.7		575	46		1	1						1
0269										1	1						1
0270	1.13	0.74		33.2	05.0					1	1						1
0271	1.38	1.10		25.8	08.8		533	47		1	1						1
0272	1.32	1.04		25.5	08.1		513	49		1	1						1
0273	1.52	1.23		27.3	06.6		531	48		1	1						1
0274	1.44	1.13		26.5	05.7		623	60		1	1						1
0275	1.38	0.98		27.9	06.0		617	82		1	1						1
0276	1.51	1.19		31.7	05.6		514	42		1	1						1
0277	1.49	1.10		30.1	06.1		587	50		1	1						1
0278	1.29	1.09		22.2	07.9		390	21		3	1						1